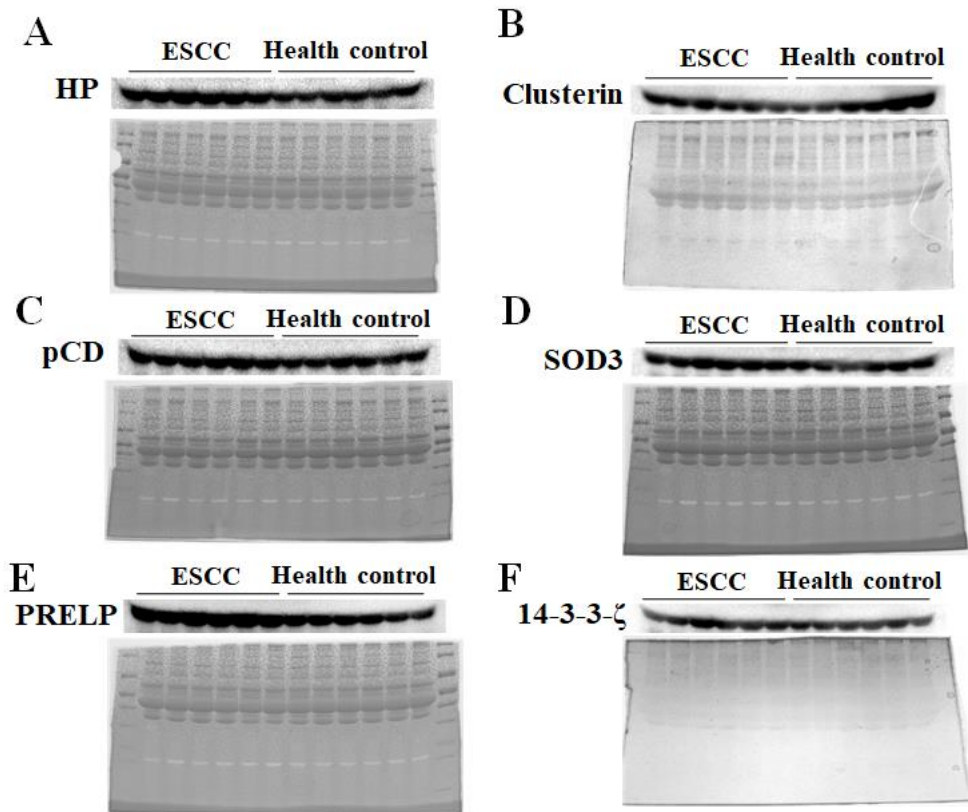


Supplementary Figure 1 Western blot validations of potential glycoprotein biomarkers between esophageal squamous cell carcinoma and adjacent non-cancerous tissues, including clusterin (A), superoxide dismutase 3 (B), proline-arginine-rich end leucine-rich repeat protein (C), and 14-3-3 ζ (D). Representative of 3 independent experiments. ESCC: Esophageal squamous cell carcinoma; SOD3: Superoxide dismutase 3; PRELP: Proline-arginine-rich end leucine-rich repeat protein.



Supplementary Figure 2 Representative Western blot results show the serum level of haptoglobin (A), clusterin (B), cathepsin D (C), superoxide dismutase 3 (D), proline-arginine-rich end leucine-rich repeat protein (E), and 14-3-3 ζ (F) in serum of patients with esophageal squamous cell carcinoma and healthy controls. Representative of 3 independent experiments. HP: Haptoglobin; CD: Cathepsin D; SOD3: Superoxide dismutase 3; PRELP: Proline-arginine-rich end leucine-rich repeat protein; ESCC: Esophageal squamous cell carcinoma.

Supplementary Table S1 Summary of high-mannose N-linked glycoproteins involved in ESCC by iTRAQ (1st)

Accession	MW [kDa]	pI	t. Pro	Pro Scores	#Peptides	SC [%]	RMS90 [ppm]	Rank	Median(H/L)_N/T	#(H/L)	CV [%](H/L)
CO3_HUMAN	187.0	6.0	2	1987.9 (M:1987.9)	51	23.3	5.38	1	1.56!	40	26.00
FLNA_HUMAN	280.6	5.7	4	1750.2 (M:1750.2)	42	17.6	2.79	2	1.23!	31	20.99
APOB_HUMAN	515.2	6.6	5	1745.5 (M:1745.5)	48	9.0	4.00	3	1.71!	45	22.90
A2MG_HUMAN	163.2	6.0	9	1649.1 (M:1649.1)	43	23.1	2.50	4	1.87!	31	25.17
ENPL_HUMAN	92.4	4.6	4	1441.6 (M:1441.6)	40	38.7	2.36	5	1.19!	25	28.65
AHNK_HUMAN	628.7	5.7	1	1185.8 (M:1185.8)	32	5.6	6.35	6	1.09!	27	19.31
CO4A_HUMAN	192.7	6.7	2	993.0 (M:993.0)	23	10.7	1.63	7	1.37!	18	21.83
ACTB_HUMAN	41.7	5.2	4	964.0 (M:964.0)	21	42.1	3.59	8	1.18!	11	22.29
TENA_HUMAN	240.7	4.6	2	956.4 (M:956.4)	24	11.1	4.04	9	0.22!	13	398.79
ALBU_HUMAN	69.3	5.9	5	949.0 (M:949.0)	23	22.5	4.42	10	1.51!	19	24.64
A2ML1_HUMAN	161.0	5.4	4	938.6 (M:938.6)	24	13.6	2.12	11	2.13!	21	29.23
ACTA_HUMAN	42.0	5.1	4	873.2 (M:873.2)	19	30.2	3.97	12	1.24!	11	29.25
COEA1_HUMAN	193.4	5.0	1	829.4 (M:829.4)	21	10.1	2.29	13	1.63!	21	26.78
HSP71_HUMAN	70.0	5.4	3	758.9 (M:758.9)	20	32.3	149.77	14	1.00!	13	22.34
FIBG_HUMAN	51.5	5.3	1	741.6 (M:741.6)	20	23.4	3.91	15	1.50!	18	26.14
K2C1_HUMAN	66.0	8.8	2	706.8 (M:706.8)	18	25.0	1.59	16	1.12!	13	21.82
FIBA_HUMAN	94.9	5.6	10	700.3 (M:700.3)	20	15.6	3.33	17	1.42!	16	24.64
CO6A3_HUMAN	343.5	6.3	1	663.9 (M:663.9)	19	5.4	1.86	18	1.38!	18	37.78
HS90B_HUMAN	83.2	4.8	5	656.4 (M:656.4)	17	20.6	3.52	19	0.95!	11	36.05
VIME_HUMAN	53.6	4.9	10	653.9 (M:653.9)	15	27.9	2.07	20	0.93!	10	18.50
HS90A_HUMAN	84.6	4.8	5	603.0 (M:603.0)	17	21.4	116.15	21	0.87!	12	30.58
KPYM_HUMAN	57.9	9.0	6	596.1 (M:596.1)	15	25.0	3.25	22	0.54!	8	140.37
IGHA1_HUMAN	37.6	6.1	6	595.5 (M:595.5)	12	23.8	4.95	23	1.64!	10	23.27
1433Z_HUMAN	27.7	4.6	3	589.3 (M:589.3)	14	43.7	2.79	24	0.86!	10	33.13
FINC_HUMAN	262.4	5.4	3	562.1 (M:562.1)	17	7.3	4.25	25	0.79!	1	
MYH9_HUMAN	226.4	5.4	1	549.1 (M:549.1)	12	5.6	4.51	26	0.76	6	32.90
PDIA1_HUMAN	57.1	4.6	2	544.8 (M:544.8)	14	21.7	2.52	27	0.97!	8	28.83
HPT_HUMAN	45.2	6.1	1	544.1 (M:544.1)	14	23.6	2.27	28	1.80	13	21.20
HSP7C_HUMAN	70.9	5.2	1	537.3 (M:537.3)	15	24.5	3.02	29	0.99!	11	32.40
IGHM_HUMAN	49.3	6.4	2	517.6 (M:517.6)	10	19.7	2.17	30	1.62!	9	20.64
FIBB_HUMAN	55.9	9.3	1	512.4 (M:512.4)	10	20.0	2.34	31	1.57!	9	10.08
HBB_HUMAN	16.0	6.9	1	499.6 (M:499.6)	9	42.9	436.41	32	0.60!	6	398.15
IGHA2_HUMAN	36.5	5.7	1	490.1 (M:490.1)	10	22.1	3.66	33	1.96!	8	29.01
CERU_HUMAN	122.1	5.4	1	485.6 (M:485.6)	12	10.0	1.35	34	1.60!	10	29.59
A1AT_HUMAN	46.7	5.3	3	474.8 (M:474.8)	14	18.2	2.52	35	2.06	14	23.72

COCA1_HUMAN	332.9	5.3	1	468.0 (M:468.0)	12	4.3	2.95	36	0.76!	8	29.63
1433S_HUMAN	27.8	4.5	1	467.9 (M:467.9)	11	29.4	2.47	37	1.12!	11	16.17
COF1_HUMAN	18.5	9.1	3	438.1 (M:438.1)	11	43.4	2.82	38	1.07!	6	12.76
VINC_HUMAN	123.7	5.4	1	436.5 (M:436.5)	13	11.1	2.00	39	1.11!	11	17.95
K1C10_HUMAN	58.8	5.0	13	434.4 (M:434.4)	12	16.4	3.35	40	1.06!	9	24.11
IGHG1_HUMAN	36.1	9.4	6	433.3 (M:433.3)	10	21.8	2.63	41	1.23!	8	11.00
ANXA2_HUMAN	38.6	8.5	2	431.5 (M:431.5)	12	30.7	153.07	42	0.83!	7	31.62
TRFE_HUMAN	77.0	7.0	8	428.0 (M:428.0)	13	14.8	2.61	43	1.45!	9	17.63
APOA1_HUMAN	30.8	5.5	1	423.0 (M:423.0)	11	34.5	2.87	44	1.30!	9	31.78
TPM2_HUMAN	32.8	4.5	17	422.1 (M:422.1)	13	23.9	1.79	45	1.82!	12	33.73
PRDX1_HUMAN	22.1	9.2	2	417.0 (M:417.0)	9	42.2	3.32	46	0.43!	6	266.92
ANXA1_HUMAN	38.7	6.7	2	410.8 (M:410.8)	10	25.1	2.75	47	1.37!	8	25.75
PGBM_HUMAN	468.5	6.1	3	404.3 (M:404.3)	11	2.4	1.59	48	1.26!	5	8.60
HBD_HUMAN	16.0	9.1	1	401.8 (M:401.8)	8	42.9	161.37	49	0.62!	6	412.61
ALDOA_HUMAN	39.4	9.2	2	398.6 (M:398.6)	10	25.5	2.92	50	0.96!	5	21.15
K2C4_HUMAN	57.2	6.2	3	397.9 (M:397.9)	12	18.5	2.51	51	2.04	12	34.83
LUM_HUMAN	38.4	6.2	1	396.5 (M:396.5)	8	24.0	3.13	52	1.11!	6	15.07
GANAB_HUMAN	106.8	5.7	3	395.2 (M:395.2)	10	9.2	2.40	53	1.31!	9	15.15
TERA_HUMAN	89.3	5.0	18	390.9 (M:390.9)	13	12.8	2.54	54	0.90!	9	18.92
ANXA5_HUMAN	35.9	4.8	1	388.0 (M:388.0)	8	25.3	1.66	55	1.08!	5	26.87
ENOA_HUMAN	47.1	7.7	3	386.5 (M:386.5)	12	18.9	3.06	56	0.75!	9	55.16
HEXA_HUMAN	60.7	4.9	1	380.6 (M:380.6)	11	17.2	3.72	57	0.72!	10	22.27
TPM4_HUMAN	28.5	4.5	2	378.6 (M:378.6)	10	27.8	2.45	58	1.11!	9	47.66
LAMC1_HUMAN	177.5	4.9	1	374.7 (M:374.7)	12	5.2	2.64	59	0.83!	9	25.22
1433G_HUMAN	28.3	4.7	1	372.8 (M:372.8)	9	27.1	3.38	60	0.99!	7	24.26
IGHG2_HUMAN	35.9	8.8	1	369.3 (M:369.3)	8	17.8	3.97	61	1.25!	6	8.04
HBA_HUMAN	15.2	9.4	3	367.2 (M:367.2)	9	33.1	1.86	62	1.57!	8	44.16
CADH1_HUMAN	97.4	4.4	2	367.1 (M:367.1)	9	8.7	2.26	63	1.31!	7	14.56
EF1A1_HUMAN	50.1	9.7	3	365.8 (M:365.8)	9	17.5	2.90	64	1.12!	7	40.25
K1C13_HUMAN	49.6	4.8	4	365.5 (M:365.5)	10	17.2	2.91	65	1.78	9	38.44
TPM1_HUMAN	32.7	4.5	1	365.4 (M:365.4)	11	22.5	2.14	66	1.66!	10	43.32
PPIA_HUMAN	18.0	9.0	3	363.5 (M:363.5)	8	43.6	3.95	67	0.88!	5	17.76
GLU2B_HUMAN	59.4	4.2	2	363.1 (M:363.1)	8	14.0	2.09	68	1.59	8	27.33
PROF1_HUMAN	15.0	9.4	1	362.7 (M:362.7)	8	62.9	119.58	69	1.26!	2	23.83
G3P_HUMAN	36.0	9.3	3	361.4 (M:361.4)	11	28.4	81.24	70	0.09!	2	972.10
TBA4A_HUMAN	49.9	4.8	3	359.5 (M:359.5)	9	13.8	3.17	71	1.14!	7	21.20
POTEE_HUMAN	121.3	5.8	8	357.4 (M:357.4)	8	6.4	113.03	72	0.98!	4	20.79
GRP78_HUMAN	72.3	4.9	1	353.5 (M:353.5)	11	14.2	2.73	73	0.97!	5	20.58

EST1_HUMAN	62.5	6.2	2	350.1 (M:350.1)	9	15.5	3.74	74	0.88!	5	7.51
CATD_HUMAN	44.5	6.1	1	349.9 (M:349.9)	9	16.7	4.82	75	0.55!	4	28.18
K2C6C_HUMAN	60.0	8.9	10	348.0 (M:348.0)	10	13.8	2.29	76	0.95	10	39.03
TAGL_HUMAN	22.6	9.4	1	346.6 (M:346.6)	8	33.8	1.53	77	1.61!	7	47.70
IGHG3_HUMAN	41.3	9.4	1	345.6 (M:345.6)	8	14.1	2.86	78	1.22!	5	6.10
TBA1C_HUMAN	49.9	4.8	5	339.3 (M:339.3)	8	11.8	2.60	79	1.04!	6	12.88
LAMB1_HUMAN	197.9	4.7	8	332.5 (M:332.5)	9	4.4	3.29	80	0.73!	8	32.60
POSTN_HUMAN	93.3	7.8	1	332.2 (M:332.2)	8	9.0	3.69	81	0.39!	4	33.96
PERM_HUMAN	83.8	10.1	2	331.0 (M:331.0)	9	9.4	3.26	82	0.23!	4	275.44
CH60_HUMAN	61.0	5.6	1	328.0 (M:328.0)	8	14.0	209.71	83	0.52!	2	15.94
HEXB_HUMAN	63.1	6.3	1	326.5 (M:326.5)	9	14.6	2.91	84	0.72!	6	26.14
LRP1_HUMAN	504.2	5.0	1	326.3 (M:326.3)	10	2.4	2.75	85	0.89!	6	22.25
1433B_HUMAN	28.1	4.6	1	323.9 (M:323.9)	8	23.2	3.54	86	1.02!	7	25.64
ERO1A_HUMAN	54.4	5.4	2	319.9 (M:319.9)	7	12.2	2.15	87	1.31!	7	11.59
K1C18_HUMAN	48.0	5.2	2	315.8 (M:315.8)	8	14.0	140.82	88	1.14!	2	38.00
HPTR_HUMAN	39.0	6.7	1	311.0 (M:311.0)	8	15.8	2.52	89	1.57	8	45.08
IC1_HUMAN	55.1	6.1	2	308.7 (M:308.7)	9	13.4	1.47	90	1.64!	8	19.87
K1C14_HUMAN	51.5	4.9	2	308.1 (M:308.1)	8	10.4	3.32	91	1.09!	6	35.14
1433E_HUMAN	29.2	4.5	1	306.6 (M:306.6)	8	29.8	3.04	92	1.00!	7	15.16
ITIH4_HUMAN	103.3	6.5	1	300.6 (M:300.6)	8	8.9	1.12	93	1.69!	4	13.73
GGH_HUMAN	35.9	6.8	1	299.6 (M:299.6)	8	25.2	3.61	94	0.52!	4	49.20
NUCL_HUMAN	76.6	4.4	6	299.2 (M:299.2)	9	9.9	2.92	95	0.99!	6	15.80
PRDX6_HUMAN	25.0	6.0	1	297.2 (M:297.2)	7	31.2	4.48	96	1.17!	4	29.35
LG3BP_HUMAN	65.3	5.0	1	295.1 (M:295.1)	7	12.6	3.60	97	0.27!	4	353.23
EST2_HUMAN	61.8	5.7	1	292.6 (M:292.6)	8	14.0	1.85	98	1.56	8	23.33
TITIN_HUMAN	3813.8	6.0	1	290.7 (M:290.7)	4	0.2	419.61	99	1.17!	2	19.67
TPIS_HUMAN	26.7	6.5	2	290.5 (M:290.5)	7	29.7	2.27	100	1.10!	3	45.33
K1C9_HUMAN	62.0	5.0	1	290.4 (M:290.4)	10	11.9	3.01	101	0.39!	8	457.56
ITIH2_HUMAN	106.4	6.4	1	284.6 (M:284.6)	7	7.6	2.76	102	1.34!	5	13.25
HSP72_HUMAN	70.0	5.4	2	283.0 (M:283.0)	8	13.0	164.49	103	1.01!	6	25.52
K2C5_HUMAN	62.3	8.6	5	281.4 (M:281.4)	8	10.2	2.35	104	0.90	8	32.74
LDHA_HUMAN	36.7	9.3	1	280.7 (M:280.7)	9	23.8	3.69	105	0.88!	5	31.15
ANXA6_HUMAN	75.8	5.3	1	276.2 (M:276.2)	8	10.3	1.58	106	0.86!	6	26.56
CFAH_HUMAN	139.0	6.2	1	269.3 (M:269.3)	6	5.0	191.11	107	1.05!	5	17.67
PGS2_HUMAN	39.7	9.5	4	264.8 (M:264.8)	7	14.8	2.52	108	1.36!	6	12.97
PGK1_HUMAN	44.6	9.2	2	264.6 (M:264.6)	7	14.4	3.84	109	0.83!	6	28.96
MUC5B_HUMAN	590.1	6.2	3	264.0 (M:264.0)	6	1.4	249.67	110	1.89	5	41.62
LYAG_HUMAN	105.3	5.6	1	261.5 (M:261.5)	5	6.9	3.26	111	0.69!	1	

EF2_HUMAN	95.3	6.4	1	257.0 (M:257.0)	8	7.6	2.44	112	0.78!	2	16.72
1433F_HUMAN	28.2	4.6	1	256.4 (M:256.4)	6	22.4	3.68	113	1.10!	6	11.27
CSPG2_HUMAN	372.6	4.3	1	256.2 (M:256.2)	7	1.9	3.46	114	0.85!	5	24.80
HEMO_HUMAN	51.6	6.6	4	254.7 (M:254.7)	8	11.7	1.92	115	0.75!	6	404.20
LAMA4_HUMAN	202.4	5.9	1	252.3 (M:252.3)	7	3.2	2.98	116	0.47!	5	504.04
TKT_HUMAN	67.8	8.5	4	251.6 (M:251.6)	6	7.2	2.39	117	1.01!	5	17.40
K1C17_HUMAN	48.1	4.8	1	250.5 (M:250.5)	6	8.6	3.65	118	0.86!	5	31.82
IF4A1_HUMAN	46.1	5.2	3	250.3 (M:250.3)	8	17.2	1.92	119	0.87!	5	18.16
FBLN1_HUMAN	77.2	4.9	1	249.5 (M:249.5)	5	6.0	4.55	120	0.21!	3	517.63
CD109_HUMAN	161.6	5.5	1	248.8 (M:248.8)	8	4.6	3.29	121	1.34!	3	11.40
CYTB_HUMAN	11.1	7.9	1	248.7 (M:248.7)	6	43.9	3.40	122	1.45!	5	20.06
PZP_HUMAN	163.8	5.9	1	248.3 (M:248.3)	6	3.4	301.11	123	1.99	6	24.76
CFAB_HUMAN	85.5	6.7	2	248.2 (M:248.2)	7	7.6	2.56	124	1.72	7	35.37
FLNB_HUMAN	278.0	5.4	1	246.2 (M:246.2)	6	3.1	2.92	125	0.90!	3	15.69
UGGG1_HUMAN	177.1	5.3	1	245.2 (M:245.2)	8	4.6	2.28	126	0.54!	6	364.93
ANXA4_HUMAN	35.9	5.8	1	242.6 (M:242.6)	5	18.2	164.46	127	0.88!	1	
MOES_HUMAN	67.8	6.0	2	242.5 (M:242.5)	9	15.9	2.35	128	0.91	7	36.40
ARF3_HUMAN	20.6	7.7	3	241.2 (M:241.2)	6	20.4	2.83	129	0.51	5	236.49
IQGA1_HUMAN	189.1	6.1	3	236.3 (M:236.3)	8	4.8	2.19	130	1.00!	6	21.23
NAGK_HUMAN	37.4	5.8	1	235.6 (M:235.6)	6	19.5	1.70	131	1.47!	4	13.72
TRFL_HUMAN	78.1	9.6	1	235.1 (M:235.1)	7	9.3	2.66	132	0.80!	4	42.29
EZRI_HUMAN	69.4	5.9	1	234.3 (M:234.3)	6	8.2	1.61	133	1.08	6	13.75
ATPA_HUMAN	59.7	9.6	1	233.7 (M:233.7)	6	12.5	2.32	134	1.18	4	39.83
TPM3_HUMAN	32.8	4.5	1	233.5 (M:233.5)	8	17.6	2.40	135	1.33!	7	35.48
DPP2_HUMAN	54.3	5.9	1	231.2 (M:231.2)	6	11.8	2.49	136	0.31!	4	748.48
CO1A1_HUMAN	138.8	5.5	1	230.2 (M:230.2)	6	5.9	3.98	137	0.50!	2	9.86
SPRR3_HUMAN	18.1	9.9	1	230.2 (M:230.2)	7	33.1	2.13	138	2.75	7	35.85
HNRPK_HUMAN	50.9	5.3	1	224.1 (M:224.1)	6	11.0	315.25	139	0.85!	2	18.23
RS3_HUMAN	26.7	10.3	1	221.7 (M:221.7)	6	22.6	0.65	140	1.23	6	20.36
PLBL1_HUMAN	63.2	9.5	1	220.3 (M:220.3)	7	9.8	4.28	141	0.52!	4	21.51
ILEU_HUMAN	42.7	5.9	1	219.0 (M:219.0)	6	14.2	1.48	142	1.83!	4	31.43
UBIQ_HUMAN	8.6	7.6	1	217.9 (M:217.9)	6	50.0	4.51	143	0.44!	4	358.06
ACTN4_HUMAN	104.8	5.2	2	217.8 (M:217.8)	7	7.0	3.02	144	1.02!	6	19.78
6PGD_HUMAN	53.1	7.0	1	217.2 (M:217.2)	6	8.9	2.68	145	1.12!	3	8.98
LAC_HUMAN	11.2	7.6	1	216.9 (M:216.9)	4	34.3	2.24	146	1.73!	2	1.83
GBP6_HUMAN	72.4	6.0	1	216.6 (M:216.6)	7	10.0	1.02	147	1.59	7	31.98
ACTN1_HUMAN	103.0	5.1	1	216.4 (M:216.4)	7	8.1	3.27	148	1.04!	5	17.31
G6PI_HUMAN	63.1	9.1	1	216.4 (M:216.4)	6	7.3	1.58	149	1.07!	2	39.72

AK1BA_HUMAN	36.0	7.8	1	214.5 (M:214.5)	6	18.4	2.15	150	1.10!	2	19.15
K22E_HUMAN	65.4	8.9	1	212.4 (M:212.4)	6	8.6	1.56	151	1.45!	4	15.48
HYOU1_HUMAN	111.3	5.0	10	211.9 (M:211.9)	6	6.0	2.94	152	0.26!	3	526.62
AEBP1_HUMAN	130.8	4.9	2	208.4 (M:208.4)	7	6.2	4.69	153	0.93!	4	41.00
AK1C2_HUMAN	36.7	7.8	2	207.8 (M:207.8)	5	10.2	5.33	154	0.61!	1	
ASPH_HUMAN	85.8	4.8	1	207.5 (M:207.5)	5	5.4	2.49	155	0.85	5	29.93
RUXG_HUMAN	8.5	9.9	2	207.1 (M:207.1)	3	50.0	267.74	156	1.07	1	
TLN1_HUMAN	269.6	5.7	2	207.1 (M:207.1)	6	2.0	1.85	157	0.89	6	28.75
HSPB1_HUMAN	22.8	6.0	1	206.3 (M:206.3)	5	22.4	2.64	158	1.04!	3	16.93
TBB5_HUMAN	49.6	4.6	9	205.6 (M:205.6)	6	15.5	172.23	159	0.88!	4	51.15
ASAH1_HUMAN	44.6	8.6	9	204.0 (M:204.0)	7	12.9	2.54	160	0.98!	6	28.22
MVP_HUMAN	99.3	5.2	1	201.8 (M:201.8)	6	6.6	2.80	161	0.90!	4	22.69
ECH1_HUMAN	35.8	9.2	1	201.0 (M:201.0)	4	12.5	2.99	162			
TBB2C_HUMAN	49.8	4.6	1	200.1 (M:200.1)	6	15.5	172.15	163	0.92!	4	53.83
HNRPU_HUMAN	90.5	5.7	1	198.7 (M:198.7)	5	5.8	3.82	164	0.81!	1	
FABP5_HUMAN	15.2	7.5	1	198.2 (M:198.2)	5	28.9	2.38	165	1.46	4	16.87
IF4A2_HUMAN	46.4	5.2	7	193.9 (M:193.9)	7	13.5	1.83	166	0.98!	5	14.92
CALL3_HUMAN	16.9	4.1	3	191.9 (M:191.9)	5	23.5	2.40	167	1.11!	4	4.61
PEDF_HUMAN	46.3	6.0	1	191.5 (M:191.5)	6	12.2	3.57	168	0.40!	2	13.99
CALR_HUMAN	48.1	4.1	1	191.3 (M:191.3)	6	9.4	2.86	169	0.84!	4	16.69
ITB1_HUMAN	88.4	5.1	2	190.4 (M:190.4)	6	6.3	2.88	170	1.26	5	26.81
A1AG1_HUMAN	23.5	4.8	1	188.8 (M:188.8)	4	14.4	1.87	171	1.53!	2	0.53
KU86_HUMAN	82.7	5.5	1	188.7 (M:188.7)	6	10.9	2.15	172	0.29	4	483.32
TGM3_HUMAN	76.6	5.5	1	188.0 (M:188.0)	6	7.1	1.53	173	1.87	6	25.05
AK1C1_HUMAN	36.8	9.0	1	183.4 (M:183.4)	5	13.0	141.43	174	0.61!	1	
UBA1_HUMAN	117.8	5.4	3	182.8 (M:182.8)	6	4.5	3.40	175	0.99!	5	14.42
S10A6_HUMAN	10.2	5.2	1	181.6 (M:181.6)	5	24.4	3.62	176	1.25!	4	9.10
TFR1_HUMAN	84.8	6.2	1	179.4 (M:179.4)	6	6.7	2.58	177	0.80!	2	54.36
C1R_HUMAN	80.1	5.8	1	177.6 (M:177.6)	5	7.0	2.33	178	1.09!	2	2.27
CH10_HUMAN	10.9	9.4	1	176.8 (M:176.8)	5	54.9	2.06	179	0.93!	2	30.29
ARF4_HUMAN	20.5	7.5	1	176.5 (M:176.5)	4	29.4	141.87	180	1.19	3	7.49
FUCO_HUMAN	53.7	6.4	1	176.2 (M:176.2)	5	10.1	2.70	181	1.10!	4	10.85
NID1_HUMAN	136.3	5.0	2	176.1 (M:176.1)	5	3.3	1.90	182	0.71!	3	12.43
TYPH_HUMAN	49.9	5.2	1	175.5 (M:175.5)	5	12.2	2.33	183	1.02!	2	8.90
PDIA3_HUMAN	56.7	5.9	1	174.9 (M:174.9)	6	10.1	2.62	184	1.11!	2	7.15
ZA2G_HUMAN	33.9	5.5	2	174.5 (M:174.5)	5	14.2	5.46	185	1.34	5	34.07
SAP_HUMAN	58.1	4.9	1	172.3 (M:172.3)	4	5.2	3.10	186	0.57!	3	28.03
RAN_HUMAN	24.4	7.8	1	170.4 (M:170.4)	4	18.5	4.59	187	0.73!	2	15.13

WDR1_HUMAN	66.2	6.2	1	170.3 (M:170.3)	5	8.3	4.39	188	1.17!	4	24.75
ADH1B_HUMAN	39.8	9.7	3	169.4 (M:169.4)	5	10.9	1.84	189	2.05	5	29.12
LDHB_HUMAN	36.6	5.7	1	168.8 (M:168.8)	5	10.8	2.76	190	0.86!	4	48.15
MA2B1_HUMAN	113.7	6.9	1	168.8 (M:168.8)	6	4.6	2.54	191	0.12!	4	444.00
F13A_HUMAN	83.2	5.7	1	168.4 (M:168.4)	5	6.1	2.71	192	1.80	4	15.76
ATPB_HUMAN	56.5	5.1	1	166.6 (M:166.6)	5	12.9	2.63	193	1.07	3	14.22
PTK7_HUMAN	118.3	6.7	1	166.2 (M:166.2)	4	3.9	2.78	194	0.15!	1	
THIO_HUMAN	11.7	4.7	1	166.0 (M:166.0)	3	21.0	1.87	195	1.21	3	22.80
DSC2_HUMAN	99.9	5.1	1	165.4 (M:165.4)	5	3.7	3.10	196	0.78!	3	24.10
STMN1_HUMAN	17.3	5.7	7	165.2 (M:165.2)	5	29.5	302.40	197	0.68!	4	12.41
LEG1_HUMAN	14.7	5.2	1	164.6 (M:164.6)	4	25.2	2.24	198	0.99!	3	3.82
FKBP9_HUMAN	63.0	4.8	1	163.7 (M:163.7)	5	7.5	2.41	199	0.61!	4	11.02
KV116_HUMAN	11.8	5.0	11	162.5 (M:162.5)	3	24.1	2.86	200	0.93!	3	59.63
IDHC_HUMAN	46.6	6.6	3	162.4 (M:162.4)	6	13.5	3.17	201	0.40!	4	449.14
K2C8_HUMAN	53.7	5.4	1	161.4 (M:161.4)	4	8.5	4.19	202	1.09	3	35.46
AMBP_HUMAN	39.0	5.9	1	160.8 (M:160.8)	2	8.8	156.73	203	1.66	1	
S10A2_HUMAN	11.1	4.5	6	160.1 (M:160.1)	4	22.4	3.39	204	1.28	4	12.58
RSSA_HUMAN	32.8	4.6	3	159.2 (M:159.2)	4	12.5	2.71	205	0.88!	4	25.75
TSP1_HUMAN	129.3	4.6	1	158.7 (M:158.7)	5	3.4	7.05	206	0.70!	3	8.11
CO2_HUMAN	83.2	7.9	1	157.8 (M:157.8)	5	6.1	1.49	207	1.26!	4	2.83
FPRP_HUMAN	98.5	6.2	1	155.3 (M:155.3)	5	5.1	2.44	208	1.14	5	12.03
CO5_HUMAN	188.2	6.1	3	154.5 (M:154.5)	5	2.6	2.76	209	1.52!	4	20.05
PUR6_HUMAN	47.0	7.7	1	154.1 (M:154.1)	4	11.5	173.11	210	0.80!	3	33.83
AK1C3_HUMAN	36.8	9.0	1	154.0 (M:154.0)	5	14.9	4.75	211	0.61!	1	
CNOT3_HUMAN	81.8	5.8	1	153.5 (M:153.5)	2	2.4	3.11	212			
VWF_HUMAN	309.1	5.2	1	149.7 (M:149.7)	5	1.5	1.94	213	1.38	5	14.48
FKB10_HUMAN	64.2	5.3	1	149.6 (M:149.6)	5	5.8	3.26	214	0.59	5	7.42
BCAM_HUMAN	67.4	5.5	1	147.9 (M:147.9)	3	5.7	2.77	215	0.62!	1	
G6PE_HUMAN	88.8	6.9	1	147.9 (M:147.9)	5	5.8	1.27	216	1.07!	4	23.88
PRDX2_HUMAN	21.9	5.6	1	146.3 (M:146.3)	4	18.2	1.83	217	1.09!	2	14.54
LAMC2_HUMAN	130.9	5.8	1	146.1 (M:146.1)	6	3.9	3.57	218	0.62!	5	44.33
KU70_HUMAN	69.8	6.2	2	145.9 (M:145.9)	5	7.7	2.56	219	1.02	5	13.90
PRELP_HUMAN	43.8	10.2	1	145.8 (M:145.8)	5	12.8	1.69	220	1.40!	4	10.32
MUC18_HUMAN	71.6	5.5	1	144.2 (M:144.2)	4	6.5	1.35	221	1.31	4	14.65
CSPG4_HUMAN	250.3	5.2	1	143.2 (M:143.2)	5	2.1	1.03	222	0.84	5	19.17
SAMP_HUMAN	25.4	6.1	1	142.7 (M:142.7)	3	13.9	1.57	223	1.63	3	2.36
PRKDC_HUMAN	468.8	6.8	1	142.5 (M:142.5)	3	0.9	2.35	224	0.92	1	
TALDO_HUMAN	37.5	6.4	1	141.9 (M:141.9)	5	13.6	4.68	225	0.72!	3	8.73

RAB1B_HUMAN	22.2	5.4	4	141.8 (M:141.8)	3	13.4	4.37	226	1.39	3	20.50
SERPH_HUMAN	46.4	9.3	1	141.4 (M:141.4)	4	12.7	1.81	227	0.81!	3	12.77
ERAP1_HUMAN	107.2	6.0	4	141.0 (M:141.0)	4	3.0	7.60	228	0.14!	2	836.04
CLUS_HUMAN	52.5	5.9	1	140.0 (M:140.0)	3	8.7	3.29	229	2.20	2	10.10
PTPRF_HUMAN	212.7	5.9	1	139.9 (M:139.9)	5	2.5	1.22	230	0.66!	3	24.08
PRAF3_HUMAN	21.6	10.1	1	139.3 (M:139.3)	3	16.0	212.35	231			
KLKB1_HUMAN	71.3	9.7	1	138.0 (M:138.0)	4	5.3	0.64	232	1.35	4	10.25
FLNC_HUMAN	290.8	5.6	1	138.0 (M:138.0)	4	1.1	2.20	233	1.34!	3	21.63
FSCN1_HUMAN	54.5	7.0	1	137.3 (M:137.3)	4	6.5	2.93	234	1.26!	1	
KDEL2_HUMAN	58.5	9.1	1	136.9 (M:136.9)	4	6.5	1.77	235	0.75!	1	
CD166_HUMAN	65.1	5.9	1	136.4 (M:136.4)	4	7.0	3.31	236	0.52!	3	15.81
A1BG_HUMAN	54.2	5.5	1	135.6 (M:135.6)	4	7.5	2.19	237	1.62	4	13.29
KCRB_HUMAN	42.6	5.2	2	135.6 (M:135.6)	4	8.1	2.59	238	1.30	4	9.28
MDHC_HUMAN	36.4	7.7	1	135.3 (M:135.3)	4	10.2	2.56	239			
CAP1_HUMAN	51.8	9.1	1	135.3 (M:135.3)	4	7.4	2.94	240	0.65!	2	12.37
RB11A_HUMAN	24.4	6.1	2	134.8 (M:134.8)	5	20.8	1.86	241	1.06!	3	19.49
CO7_HUMAN	93.5	6.1	2	134.0 (M:134.0)	4	3.7	1.51	242	1.93	4	43.15
SFPQ_HUMAN	76.1	9.9	1	133.6 (M:133.6)	3	5.7	170.74	243	0.63	2	6.98
SYEP_HUMAN	170.5	7.2	1	133.0 (M:133.0)	4	2.6	1.72	244	0.85!	2	25.93
PRS6B_HUMAN	47.3	5.0	1	132.2 (M:132.2)	3	3.8	2.78	245	1.13	1	
CAH1_HUMAN	28.9	6.7	1	132.0 (M:132.0)	3	10.0	1.69	246	1.23!	2	6.26
CO3A1_HUMAN	138.5	6.2	3	130.4 (M:130.4)	4	1.8	5.71	247	0.40!	3	34.88
CO5A1_HUMAN	183.4	4.8	1	130.3 (M:130.3)	4	1.8	6.51	248	0.61!	2	34.60
ECM1_HUMAN	60.6	6.3	1	130.2 (M:130.2)	4	7.8	2.70	249	1.78	4	26.81
CD9_HUMAN	25.4	7.7	1	129.9 (M:129.9)	3	7.5	3.73	250	0.91	3	11.99
rndTITIN_HUMA	3813.8	6.0	1	129.5 (M:129.5)	5	0.1	3.33	251	1.20!	4	11.70
TCPA_HUMAN	60.3	5.7	1	129.3 (M:129.3)	4	6.3	3.18	252	0.79	2	11.00
SODC_HUMAN	15.9	5.7	1	128.6 (M:128.6)	3	17.5	5.12	253	0.67!	2	37.12
SYNE1_HUMAN	1010.4	5.3	9	128.2 (M:128.2)	2	0.4	582.27	254	0.22!	2	669.49
H4_HUMAN	11.4	11.8	1	128.0 (M:128.0)	4	37.9	3.76	255	1.09!	3	11.07
GDIB_HUMAN	50.6	6.1	2	128.0 (M:128.0)	3	7.0	3.78	256	1.09	3	24.27
AL3A1_HUMAN	50.3	6.1	1	127.7 (M:127.7)	3	6.2	6.49	257	1.02!	2	28.99
CO6A2_HUMAN	108.5	5.8	1	127.5 (M:127.5)	2	2.6	6.52	258	1.33	2	13.88
HEP2_HUMAN	57.0	6.4	1	127.5 (M:127.5)	2	4.4	3.80	259	1.76	2	17.10
CATZ_HUMAN	33.8	6.9	1	126.8 (M:126.8)	3	9.6	3.79	260	1.14!	1	
SYIC_HUMAN	144.4	5.8	1	126.7 (M:126.7)	2	3.2	152.67	261	0.60	1	
C1S_HUMAN	76.6	4.7	1	126.3 (M:126.3)	3	3.5	2.79	262	1.09	3	10.32
HNRPF_HUMAN	45.6	5.3	1	126.0 (M:126.0)	4	14.2	320.03	263			

RL30_HUMAN	12.8	10.2	1	125.7 (M:125.7)	3	28.7	1.11	264	1.30!	1	
PYGB_HUMAN	96.6	6.4	2	124.4 (M:124.4)	3	4.3	2.54	265	1.30	2	2.79
DYHC1_HUMAN	532.1	6.0	1	123.7 (M:123.7)	4	1.2	1.59	266	0.98	1	
DCD_HUMAN	11.3	6.1	1	123.6 (M:123.6)	3	28.2	3.08	267	0.95!	1	
ANT3_HUMAN	52.6	6.3	1	123.6 (M:123.6)	4	6.9	3.80	268	1.57	4	21.48
GBLP_HUMAN	35.1	8.9	1	122.3 (M:122.3)	4	11.4	1.93	269	1.31!	3	16.18
EF1D_HUMAN	31.1	4.8	1	121.9 (M:121.9)	3	11.4	5.77	270	0.65!	2	14.29
SODE_HUMAN	25.8	6.2	1	121.7 (M:121.7)	2	10.0	1.12	271	2.24	2	8.37
A1AG2_HUMAN	23.6	4.9	1	121.6 (M:121.6)	3	8.5	1.46	272	1.48	2	2.68
GSTP1_HUMAN	23.3	5.3	1	120.3 (M:120.3)	4	19.0	4.51	273	0.97	3	27.52
ARF5_HUMAN	20.5	6.4	1	119.9 (M:119.9)	3	15.0	1.29	274	1.10	3	7.55
INVO_HUMAN	68.4	4.5	1	119.7 (M:119.7)	4	6.5	1.46	275	1.53	4	17.95
VCAM1_HUMAN	81.2	5.0	2	119.6 (M:119.6)	3	3.5	3.94	276	0.88!	2	35.68
ADHX_HUMAN	39.7	8.7	1	119.3 (M:119.3)	4	8.6	4.30	277	1.18!	3	9.97
PLD3_HUMAN	54.7	6.0	4	118.8 (M:118.8)	3	5.7	3.99	278	0.66!	2	9.18
NGAL_HUMAN	22.6	9.6	1	118.6 (M:118.6)	3	15.7	3.49	279	0.61!	2	1.70
KV305_HUMAN	11.7	9.5	6	118.6 (M:118.6)	3	31.2	2.50	280	1.15!	3	7.59
AMRP_HUMAN	41.4	9.2	1	118.6 (M:118.6)	4	8.4	2.78	281	0.68!	2	15.24
H2B1K_HUMAN	13.9	10.8	15	118.3 (M:118.3)	3	21.4	3.60	282	0.80!	1	
SNG2_HUMAN	24.8	4.6	1	117.4 (M:117.4)	2	8.9	1.91	283	0.79	2	28.01
BGLR_HUMAN	74.7	6.6	1	117.3 (M:117.3)	4	4.0	3.06	284	0.68!	3	20.40
FUBP1_HUMAN	67.5	7.8	1	117.3 (M:117.3)	4	6.2	7.92	285	0.96!	2	28.96
HRG_HUMAN	59.5	7.2	1	117.2 (M:117.2)	4	6.9	476.16	286	1.29	4	23.18
FETUA_HUMAN	39.3	5.4	1	115.9 (M:115.9)	3	6.3	1.16	287	1.54	3	8.58
S10A4_HUMAN	11.7	5.8	1	115.8 (M:115.8)	4	35.6	2.01	288	1.28!	3	22.40
PLEC1_HUMAN	531.5	5.7	10	114.5 (M:114.5)	4	0.5	3.88	289	0.48	4	304.31
DYHC2_HUMAN	492.3	6.1	1	114.5 (M:114.5)	3	0.7	7.19	290	0.56	2	52.64
MIME_HUMAN	33.9	5.3	1	114.3 (M:114.3)	3	8.1	7.13	291	1.99	3	32.23
TCPZ_HUMAN	58.0	6.2	1	114.1 (M:114.1)	3	5.3	5.72	292	0.80!	2	1.91
HBG2_HUMAN	16.1	6.8	2	114.1 (M:114.1)	3	23.8	286.75	293	0.76	3	8.61
CLIC1_HUMAN	26.9	4.9	1	113.8 (M:113.8)	3	12.0	3.30	294	1.17	3	15.08
RS11_HUMAN	18.4	11.0	1	113.0 (M:113.0)	2	15.8	4.67	295	0.73!	1	
CPNS1_HUMAN	28.3	4.9	2	112.7 (M:112.7)	3	7.5	2.57	296	0.88!	3	12.19
GELS_HUMAN	85.6	5.9	1	112.6 (M:112.6)	4	3.7	6.65	297	1.18!	2	6.66
ALDOC_HUMAN	39.4	6.5	1	112.6 (M:112.6)	3	6.0	2.66	298	0.82!	2	6.56
RCN3_HUMAN	37.5	4.6	1	111.6 (M:111.6)	2	7.9	1.43	299	0.65	1	
TSP2_HUMAN	129.9	4.5	1	111.2 (M:111.2)	3	2.9	7.26	300			
APOA2_HUMAN	11.2	7.1	2	111.1 (M:111.1)	3	22.0	1.16	301	1.66	3	12.01

2B17_HUMAN	29.8	7.9	5	110.7 (M:110.7)	3	9.4	1.94	302	0.51	3	18.06
RS8_HUMAN	24.2	11.0	1	110.7 (M:110.7)	3	14.9	275.39	303	0.80	2	1.11
DSG3_HUMAN	107.5	4.7	1	110.5 (M:110.5)	4	3.9	3.01	304			
PPT1_HUMAN	34.2	6.1	1	109.6 (M:109.6)	3	8.8	3.76	305	0.86!	2	24.34
TM109_HUMAN	26.2	10.9	1	109.4 (M:109.4)	2	8.6	5.60	306	1.05	2	20.68
GBP1_HUMAN	67.9	5.9	1	108.7 (M:108.7)	3	5.1	6.11	307	0.66!	2	50.05
TCPB_HUMAN	57.5	6.0	1	108.6 (M:108.6)	3	5.6	330.43	308	1.22	1	
IGKC_HUMAN	11.6	5.5	4	108.6 (M:108.6)	3	34.9	2.69	309	0.61!	2	40.65
STIP1_HUMAN	62.6	6.4	1	108.4 (M:108.4)	3	4.2	0.51	310	0.90	3	7.27
1B15_HUMAN	40.4	5.9	48	108.1 (M:108.1)	3	10.2	282.15	311	1.35!	1	
DESM_HUMAN	53.5	5.1	1	107.8 (M:107.8)	4	7.0	2.57	312	0.87	4	9.36
SAP3_HUMAN	20.8	5.0	1	107.7 (M:107.7)	3	13.0	3.70	313	0.84!	2	6.40
PSME3_HUMAN	29.5	5.6	1	107.2 (M:107.2)	1	5.9	2.10	314			
KNG1_HUMAN	71.9	6.4	1	106.6 (M:106.6)	3	3.6	1.79	315	1.56	3	6.41
PCNA_HUMAN	28.8	4.4	1	106.4 (M:106.4)	3	16.9	204.84	316	0.90	2	18.00
LAMB3_HUMAN	129.5	7.9	1	105.8 (M:105.8)	3	2.1	1.95	317	0.57!	2	33.03
RAB7A_HUMAN	23.5	7.2	1	105.8 (M:105.8)	3	16.4	2.88	318	0.95	2	5.34
HNRPC_HUMAN	33.6	4.8	2	105.5 (M:105.5)	3	16.0	169.93	319	0.80	2	35.08
CNPY2_HUMAN	20.6	4.7	1	105.5 (M:105.5)	2	15.4	621.23	320			
RS2_HUMAN	31.3	11.0	1	104.7 (M:104.7)	3	8.9	1.98	321	1.40!	2	12.99
SET_HUMAN	33.5	4.1	1	104.6 (M:104.6)	3	10.7	2.45	322	1.10!	1	
1A33_HUMAN	40.9	6.2	11	104.4 (M:104.4)	3	9.6	282.15	323			
TGM2_HUMAN	77.3	5.0	1	103.5 (M:103.5)	2	2.3	2.54	324			
IMDH2_HUMAN	55.8	6.5	1	103.0 (M:103.0)	3	7.6	0.98	325	1.05!	1	
MGN_HUMAN	17.2	5.7	1	102.6 (M:102.6)	2	5.5	2.79	326			
CYBP_HUMAN	26.2	9.0	1	102.5 (M:102.5)	3	8.3	0.82	327	1.21	3	24.95
ITA1_HUMAN	130.8	5.9	1	102.0 (M:102.0)	4	2.6	4.81	328	1.58!	3	21.09
KV307_HUMAN	11.8	0.0	1	101.6 (M:101.6)	3	31.2	2.48	329	1.16!	2	9.30
H33_HUMAN	15.3	11.9	5	101.6 (M:101.6)	3	14.0	3.18	330	0.84!	2	27.59
AMPL_HUMAN	56.1	9.0	1	100.8 (M:100.8)	3	5.6	4.82	331	0.81!	3	54.65
CHL1_HUMAN	135.0	5.4	1	100.5 (M:100.5)	3	2.5	372.31	332	1.33	3	14.91
FUBP2_HUMAN	73.1	7.0	1	100.1 (M:100.1)	3	4.5	1.21	333	1.05	3	33.87
TCPQ_HUMAN	59.6	5.3	1	100.0 (M:100.0)	3	6.6	1.41	334	0.88	2	14.99
DYH5_HUMAN	528.7	5.7	1	99.9 (M:99.9)	1	0.3	6.20	335	0.89!	1	
PHAR1_HUMAN	66.3	6.5	3	99.9 (M:99.9)	3	4.1	9.36	336	0.99!	2	10.87
UBP8_HUMAN	127.4	9.4	1	99.6 (M:99.6)	1	2.1	484.04	337			
ASPM_HUMAN	409.5	11.2	2	99.4 (M:99.4)	2	1.0	299.10	338	1.09	2	1.79
APOE_HUMAN	36.1	5.5	1	99.2 (M:99.2)	3	7.6	4.18	339	1.20	3	23.95

MYLK_HUMAN	210.6	5.8	1	98.9 (M:98.9)	3	1.5	2.57	340	1.14!	2	0.47
RRBP1_HUMAN	152.4	9.3	1	98.7 (M:98.7)	1	1.2	3.30	341			
AOC3_HUMAN	84.6	6.1	2	98.6 (M:98.6)	3	3.5	2.47	342	2.03	3	18.85
RAB10_HUMAN	22.5	9.4	1	98.4 (M:98.4)	2	9.0	1.38	343	1.05!	1	
S10A8_HUMAN	10.8	6.6	1	98.4 (M:98.4)	3	21.5	2.88	344	0.67!	1	
PSMD2_HUMAN	100.1	4.9	1	98.0 (M:98.0)	2	3.3	236.93	345	1.36	1	
ACTZ_HUMAN	42.6	6.2	1	97.4 (M:97.4)	3	3.5	4.92	346	1.21!	2	5.22
DYH8_HUMAN	514.3	5.9	1	97.4 (M:97.4)	1	0.5	9.47	347	0.01!	1	
GFPT1_HUMAN	78.8	6.7	2	97.2 (M:97.2)	2	2.7	4.69	348	1.08!	1	
NAMPT_HUMAN	55.5	6.8	1	97.1 (M:97.1)	2	3.9	4.37	349	1.03	2	6.62
RAB8B_HUMAN	23.6	9.8	2	96.6 (M:96.6)	2	9.2	1.89	350	1.10	2	4.59
PERE_HUMAN	81.0	11.5	1	96.6 (M:96.6)	3	2.9	6.95	351			
MYL6_HUMAN	16.9	4.4	2	96.4 (M:96.4)	4	22.5	1.64	352	1.20!	3	11.15
PYGL_HUMAN	97.1	6.8	1	95.9 (M:95.9)	2	3.4	2.02	353	1.34	1	
TARSH_HUMAN	118.6	10.1	1	95.7 (M:95.7)	3	2.3	2.05	354	1.33	3	9.89
CATH_HUMAN	37.4	9.3	1	95.5 (M:95.5)	3	6.3	5.55	355	0.63!	2	5.09
ROA2_HUMAN	37.4	9.3	1	95.5 (M:95.5)	2	7.9	3.87	356	0.66!	2	32.11
ASH1L_HUMAN	332.6	10.1	5	95.0 (M:95.0)	2	0.6	3.51	357	1.09!	2	33.74
DPYL2_HUMAN	62.3	5.9	3	94.9 (M:94.9)	3	5.2	4.09	358	0.15!	2	841.65
DERL1_HUMAN	28.8	9.9	1	94.4 (M:94.4)	2	3.2	2.43	359			
CILP1_HUMAN	132.5	9.7	3	94.2 (M:94.2)	3	1.8	717.12	360	1.08	3	4.32
CALD1_HUMAN	93.2	5.5	1	93.9 (M:93.9)	3	3.2	3.69	361	1.53	3	25.34
PGAM2_HUMAN	28.7	9.6	2	93.5 (M:93.5)	2	4.0	1.64	362			
LRRC1_HUMAN	59.2	4.8	2	93.2 (M:93.2)	2	3.8	6.34	363			
CFAI_HUMAN	65.7	9.0	2	93.0 (M:93.0)	3	4.1	1.73	364	1.55	3	7.58
LA_HUMAN	46.8	6.8	1	92.6 (M:92.6)	3	6.4	3.25	365	0.71	2	3.65
EGFR_HUMAN	134.2	6.3	1	92.5 (M:92.5)	2	1.9	0.72	366	0.61	2	3.43
TRYB1_HUMAN	30.5	6.7	1	92.5 (M:92.5)	2	7.3	2.72	367	1.53!	2	19.00
CBR3_HUMAN	30.8	5.8	2	91.5 (M:91.5)	3	13.7	2.99	368	1.16!	2	10.08
ARP2_HUMAN	44.7	6.3	1	91.3 (M:91.3)	3	3.0	5.09	369	0.94!	2	19.37
IPYR_HUMAN	32.6	5.5	1	91.2 (M:91.2)	3	9.0	4.47	370	1.10!	1	
PARK7_HUMAN	19.9	6.4	1	90.9 (M:90.9)	3	12.7	3.61	371			
PABP1_HUMAN	70.6	10.0	4	90.9 (M:90.9)	3	3.3	2.63	372	0.24	3	503.98
ARSA_HUMAN	53.6	5.6	1	90.6 (M:90.6)	3	4.3	4.91	373	0.09	3	631.80
MMP9_HUMAN	78.4	5.6	1	90.3 (M:90.3)	3	4.2	4.06	374	0.65!	2	44.77
C1TC_HUMAN	101.5	7.0	1	90.2 (M:90.2)	3	2.7	2.11	375	1.13	3	26.62
HNRH1_HUMAN	49.2	5.9	2	89.9 (M:89.9)	3	7.1	284.31	376	0.03!	1	
CO1A2_HUMAN	129.2	9.7	1	89.7 (M:89.7)	3	2.1	480.92	377	0.20!	2	499.49

DBNL_HUMAN	48.2	4.9	1	89.3 (M:89.3)	2	4.7	5.14	378			
SODM_HUMAN	24.7	9.1	1	89.2 (M:89.2)	2	13.1	517.08	379	1.28!	2	40.45
CO6A5_HUMAN	289.7	6.5	3	88.4 (M:88.4)	3	0.6	5.12	380	1.68!	2	25.27
GLYM_HUMAN	56.0	9.5	5	88.3 (M:88.3)	2	4.4	1.11	381			
LAMP1_HUMAN	44.9	9.9	1	88.1 (M:88.1)	2	4.8	2.08	382	0.95	2	27.14
PRP4B_HUMAN	116.9	10.8	1	88.0 (M:88.0)	2	2.3	548.35	383	0.90	1	
LAMB2_HUMAN	195.9	6.1	1	87.9 (M:87.9)	3	1.3	3.51	384	1.22!	2	12.64
ANX11_HUMAN	54.4	8.5	1	87.9 (M:87.9)	3	6.5	432.49	385	0.79!	1	
K1C20_HUMAN	48.5	5.4	1	87.8 (M:87.8)	2	3.5	2.49	386	2.05	2	27.61
ARPC2_HUMAN	34.3	7.0	1	87.8 (M:87.8)	2	5.3	2.70	387	0.88	2	31.21
PPIB_HUMAN	23.7	9.9	1	87.7 (M:87.7)	2	12.5	5.36	388	0.83!	1	
LAMA3_HUMAN	366.4	7.2	1	87.3 (M:87.3)	2	0.5	1.84	389	0.45!	1	
RS9_HUMAN	22.6	11.2	1	87.1 (M:87.1)	3	12.4	1.00	390	0.75	3	13.13
DUOX1_HUMAN	177.1	9.0	1	86.9 (M:86.9)	3	0.8	6.12	391	1.04!	1	
RS28_HUMAN	7.8	11.6	1	86.8 (M:86.8)	1	17.4	1.95	392			
PEBP1_HUMAN	21.0	7.8	1	86.6 (M:86.6)	3	18.2	2.13	393	1.21!	1	
PLMN_HUMAN	90.5	7.3	1	86.4 (M:86.4)	3	3.3	2.18	394	2.03	3	20.54
PPIC_HUMAN	22.7	9.3	1	86.3 (M:86.3)	3	13.2	4.64	395	0.79!	1	
2B11_HUMAN	29.9	8.9	10	85.6 (M:85.6)	2	6.0	2.25	396	0.60!	1	
SFRS1_HUMAN	27.7	10.8	1	85.5 (M:85.5)	2	5.6	4.54	397	0.77	2	3.91
CYTA_HUMAN	11.0	5.3	1	85.2 (M:85.2)	2	20.4	2.13	398	1.71!	1	
RL10_HUMAN	24.6	11.0	1	85.0 (M:85.0)	2	18.7	5.46	399			
RAB13_HUMAN	22.8	10.0	1	85.0 (M:85.0)	2	7.9	1.69	400	1.25	2	17.30
ERF1_HUMAN	49.0	5.4	1	84.7 (M:84.7)	1	6.2	350.43	401			
TXND5_HUMAN	47.6	5.6	1	84.1 (M:84.1)	3	8.3	310.57	402	1.02	2	10.65
RS3A_HUMAN	29.9	10.4	1	83.7 (M:83.7)	2	9.8	4.81	403	0.92	1	
FHR1_HUMAN	37.6	8.7	2	83.6 (M:83.6)	2	6.7	2.14	404	0.93	2	6.58
TAGL2_HUMAN	22.4	9.3	1	83.2 (M:83.2)	3	13.6	5.24	405	0.88	3	25.35
H2AV_HUMAN	13.5	11.0	2	83.1 (M:83.1)	2	29.7	246.47	406			
ACON_HUMAN	85.4	7.9	1	83.0 (M:83.0)	2	4.9	205.48	407			
1B45_HUMAN	40.4	6.0	8	82.9 (M:82.9)	2	6.4	1.47	408	0.71	1	
RISC_HUMAN	50.8	5.5	1	82.1 (M:82.1)	3	5.8	334.73	409	0.72!	2	7.39
SYHC_HUMAN	57.4	5.6	2	82.0 (M:82.0)	2	4.3	5.66	410	0.90	2	1.85
MAP4_HUMAN	120.9	5.2	1	82.0 (M:82.0)	3	2.4	372.97	411	1.01!	2	1.39
PSD11_HUMAN	47.4	6.1	1	82.0 (M:82.0)	2	4.3	5.36	412	0.89	1	
NLTP_HUMAN	59.0	6.5	1	81.5 (M:81.5)	1	3.5	218.94	413			
S10AB_HUMAN	11.7	7.5	1	81.1 (M:81.1)	2	17.1	8.82	414	1.06!	1	
GILT_HUMAN	29.1	4.7	1	81.0 (M:81.0)	2	6.1	5.72	415	0.02!	1	

MTPN_HUMAN	12.9	5.2	1	81.0 (M:81.0)	2	22.0	0.38	416	0.89	1	
SYNC_HUMAN	62.9	5.9	1	80.9 (M:80.9)	2	6.6	505.13	417	0.82	1	
CLH1_HUMAN	191.5	5.4	1	80.5 (M:80.5)	3	1.4	2.06	418	0.96	3	14.96
PCNT_HUMAN	377.8	5.3	1	80.3 (M:80.3)	2	0.6	4.39	419			
VIGLN_HUMAN	141.4	6.4	1	80.1 (M:80.1)	3	1.9	9.57	420	0.79	3	27.61
RCN1_HUMAN	38.9	4.7	1	80.1 (M:80.1)	3	7.9	0.75	421	1.15	3	36.60
rndA20A2_HUMAN	94.0	9.0	1	80.1 (M:80.1)	3	2.6	4.80	422	1.15	3	64.10
CECR1_HUMAN	58.9	8.6	1	80.0 (M:80.0)	3	5.3	3.90	423	0.83!	2	8.85
H2A1H_HUMAN	13.9	11.3	13	79.9 (M:79.9)	2	12.5	1.54	424	0.99!	1	
MYH11_HUMAN	227.2	5.3	2	79.9 (M:79.9)	2	1.0	6.85	425	2.53	2	23.22
HSP74_HUMAN	94.3	5.0	1	79.7 (M:79.7)	3	5.2	175.90	426	0.99	2	10.15
TPPP3_HUMAN	19.0	9.8	1	79.6 (M:79.6)	2	9.1	5.07	427	1.39	2	1.59
GNS_HUMAN	62.0	9.4	1	79.6 (M:79.6)	3	5.4	4.85	428	1.07	3	30.44
DDX39_HUMAN	49.1	5.4	2	79.6 (M:79.6)	3	5.2	2.94	429	0.77	3	16.19
OBSCN_HUMAN	867.9	5.6	1	79.3 (M:79.3)	3	0.2	1.90	430	1.75	3	29.31
TBB4_HUMAN	49.6	4.6	2	79.0 (M:79.0)	3	8.3	386.86	431	1.23!	1	
P4HA2_HUMAN	60.9	5.4	1	78.7 (M:78.7)	3	5.2	372.81	432	0.87!	1	
EHD2_HUMAN	61.1	6.0	1	78.3 (M:78.3)	2	4.2	3.76	433	1.73	1	
RL13A_HUMAN	23.6	11.5	1	78.2 (M:78.2)	1	5.4	1.99	434			
PLSL_HUMAN	70.2	5.1	1	78.1 (M:78.1)	2	4.0	1.88	435	0.58	2	2.82
TCPD_HUMAN	57.9	9.0	1	77.8 (M:77.8)	1	5.4	282.08	436			
PPGB_HUMAN	54.4	6.2	1	77.4 (M:77.4)	3	5.6	5.65	437	0.22!	1	
PGCP_HUMAN	51.9	5.8	1	77.4 (M:77.4)	2	4.2	0.48	438	1.58!	1	
RL12_HUMAN	17.8	10.3	1	77.0 (M:77.0)	3	10.3	6.54	439	0.99!	2	3.77
HXK1_HUMAN	102.4	6.4	2	76.6 (M:76.6)	3	2.6	1.84	440	1.01	3	12.71
CATS_HUMAN	37.5	9.4	1	76.6 (M:76.6)	3	7.9	2.07	441	0.79!	2	31.09
MARCS_HUMAN	31.5	4.3	1	76.5 (M:76.5)	2	9.9	490.68	442	1.31!	2	4.99
rndLAS1L_HUMAN	83.0	4.5	1	76.4 (M:76.4)	3	2.9	997.37	443	0.88!	1	
TMSL6_HUMAN	5.0	4.9	5	76.1 (M:76.1)	2	29.5	3.60	444	0.38!	1	
RL5_HUMAN	34.3	10.2	1	75.8 (M:75.8)	2	4.7	4.37	445	1.33!	1	
TRYA1_HUMAN	30.8	6.6	1	75.8 (M:75.8)	2	6.5	2.96	446	1.32!	2	4.16
RS13_HUMAN	17.2	11.0	1	75.7 (M:75.7)	2	9.3	6.49	447	1.03!	1	
CYC_HUMAN	11.7	10.1	1	75.5 (M:75.5)	2	21.0	336.88	448	0.73!	1	
rndROCK1_HUMAN	158.1	5.6	1	75.3 (M:75.3)	1	1.6	5.09	449	0.74!	1	
RMD1_HUMAN	35.8	9.2	1	75.2 (M:75.2)	1	3.2	1.87	450			
LSM2_HUMAN	10.8	6.1	1	75.1 (M:75.1)	1	20.0	1.22	451			
AGAL_HUMAN	48.7	5.2	1	75.1 (M:75.1)	2	5.4	2.35	452	0.67!	1	
UTP20_HUMAN	318.2	7.2	1	74.9 (M:74.9)	2	0.6	495.09	453	1.20	1	

CALU_HUMAN	37.1	4.3	1	74.8 (M:74.8)	3	7.6	2.14	454	1.14	3	34.47
FBLN5_HUMAN	50.1	4.4	1	74.8 (M:74.8)	2	3.6	1.30	455	0.92	2	5.07
MYOF_HUMAN	234.6	5.8	1	74.6 (M:74.6)	2	1.2	3.14	456	0.78!	1	
DYH7_HUMAN	460.8	5.6	2	74.5 (M:74.5)	3	0.4	3.29	457	0.90!	1	
2AAA_HUMAN	65.3	4.9	1	74.3 (M:74.3)	3	4.4	0.93	458	0.95	3	23.61
GCN1L_HUMAN	292.6	7.4	1	74.2 (M:74.2)	1	0.6	6.92	459			
SBDS_HUMAN	28.7	9.7	1	74.2 (M:74.2)	2	6.8	1.91	460	1.26	2	1.94
PSMD5_HUMAN	56.2	5.2	1	74.1 (M:74.1)	2	4.4	631.86	461	0.81!	2	4.31
DYH11_HUMAN	520.7	6.0	2	74.0 (M:74.0)	3	0.5	486.13	462	1.74	3	5.84
COPA_HUMAN	138.3	8.5	1	74.0 (M:74.0)	2	1.5	601.32	463	0.02!	1	
DHSO_HUMAN	38.3	9.3	2	73.6 (M:73.6)	2	5.3	2.44	464	1.64!	2	7.80
RBCC1_HUMAN	183.0	5.2	1	73.6 (M:73.6)	3	1.9	373.57	465	1.64	2	17.89
AL9A1_HUMAN	53.8	5.6	1	73.3 (M:73.3)	2	3.2	4.76	466	1.03	2	54.44
ERP44_HUMAN	46.9	5.0	1	73.3 (M:73.3)	2	4.2	1.20	467	1.08	2	8.35
CADH5_HUMAN	87.5	5.1	1	72.9 (M:72.9)	3	3.7	1.01	468	0.86	3	45.76
SH3L3_HUMAN	10.4	4.7	1	72.5 (M:72.5)	2	18.3	2.57	469			
AN32C_HUMAN	26.7	4.0	3	72.5 (M:72.5)	2	8.5	2.40	470	0.68	2	1.69
GOGB1_HUMAN	375.8	4.8	5	72.5 (M:72.5)	3	0.5	3.71	471	1.10	3	4.16
CNDP2_HUMAN	52.8	5.6	1	72.4 (M:72.4)	2	4.0	2.63	472	1.29	2	15.89
EF1G_HUMAN	50.1	6.3	1	72.3 (M:72.3)	2	3.4	2.65	473	0.83!	1	
HV101_HUMAN	12.5	7.0	3	72.2 (M:72.2)	1	10.3	625.65	474	0.95	1	
HYES_HUMAN	62.6	5.9	1	72.0 (M:72.0)	2	5.8	229.01	475	0.80	1	
RAD21_HUMAN	71.6	4.4	1	72.0 (M:72.0)	1	1.9	2.90	476			
CUX1_HUMAN	164.2	5.7	2	72.0 (M:72.0)	2	1.3	4.25	477			
IF5A1_HUMAN	16.8	4.9	2	71.9 (M:71.9)	2	10.4	2.39	478	0.85!	1	
EF1B_HUMAN	24.7	4.3	1	71.9 (M:71.9)	2	8.9	6.11	479	0.81!	1	
PDIA4_HUMAN	72.9	4.8	1	71.8 (M:71.8)	3	4.3	1.59	480	1.27!	2	48.44
RD23B_HUMAN	43.1	4.6	2	71.7 (M:71.7)	2	4.2	1.85	481	1.11!	1	
NAGAB_HUMAN	46.5	4.8	1	71.7 (M:71.7)	2	5.6	1.64	482	0.46!	1	
HV320_HUMAN	12.7	9.6	1	71.6 (M:71.6)	2	12.1	3.63	483	1.39	2	21.60
ACBP_HUMAN	10.0	6.2	1	71.4 (M:71.4)	2	17.2	1.83	484	0.83	2	26.36
PP1B_HUMAN	37.2	5.8	1	71.4 (M:71.4)	3	8.6	4.24	485	1.24	2	4.04
PSA3_HUMAN	28.4	5.1	1	71.3 (M:71.3)	1	7.5	3.52	486			
SUMF2_HUMAN	33.8	8.9	1	71.3 (M:71.3)	3	12.0	4.91	487	1.28!	2	8.94
IMB1_HUMAN	97.1	4.5	1	71.3 (M:71.3)	2	1.6	4.09	488	0.79	1	
rndVP13C_HUMAN	422.1	6.4	1	70.8 (M:70.8)	2	0.6	8.45	489			
HNRL1_HUMAN	95.7	6.5	1	70.7 (M:70.7)	2	1.8	3.87	490	1.10	2	8.98
4F2_HUMAN	68.0	4.7	1	70.7 (M:70.7)	2	2.2	7.35	491	0.93	2	1.51

SEPT2_HUMAN	41.5	6.1	1	70.4 (M:70.4)	3	5.8	2.00	492	1.19!	2	1.47
CDCA2_HUMAN	112.7	9.7	1	70.3 (M:70.3)	1	1.2	1148.96	493			
rndUTP20_HUMAN	318.2	7.2	6	70.3 (M:70.3)	0	0.6	611.25	494			
RRAS2_HUMAN	23.4	5.7	2	70.1 (M:70.1)	1	7.8	0.68	495			
S10AD_HUMAN	11.5	5.9	1	70.1 (M:70.1)	2	15.3	4.70	496	1.00!	1	
SRP09_HUMAN	10.1	9.1	1	70.0 (M:70.0)	3	18.6	891.85	497	1.53	2	44.91
rndCROCC_HUMAN	228.4	5.3	2	69.9 (M:69.9)	1	0.9	891.94	498			
P4HA1_HUMAN	61.0	5.6	1	69.7 (M:69.7)	3	4.9	3.37	499	0.88	3	8.00
MPP8_HUMAN	97.1	5.7	1	69.7 (M:69.7)	2	2.7	575.50	500	0.81	1	
CNPY3_HUMAN	30.7	5.2	1	69.6 (M:69.6)	2	6.5	4.40	501	0.88!	1	
OAT_HUMAN	48.5	6.6	1	69.6 (M:69.6)	1	4.6	1.63	502			
GOLM1_HUMAN	45.3	4.8	1	69.5 (M:69.5)	1	2.5	461.41	503	2.29	1	
HTAI2_HUMAN	27.1	9.6	1	69.4 (M:69.4)	2	7.4	2.23	504	0.94	2	1.39
KV303_HUMAN	10.7	7.1	1	69.3 (M:69.3)	1	16.0	3.45	505	1.27	1	
ROCK2_HUMAN	160.8	5.7	2	69.2 (M:69.2)	2	1.6	336.77	506	1.29	1	
RNT2_HUMAN	29.5	6.8	2	69.0 (M:69.0)	2	6.2	3.93	507	0.52!	1	
COR1A_HUMAN	51.0	6.3	2	68.9 (M:68.9)	2	3.0	6.07	508	0.71!	1	
LPLC1_HUMAN	52.4	6.9	1	68.5 (M:68.5)	2	5.8	1.83	509	1.98	2	31.04
CD5L_HUMAN	38.1	5.2	1	68.5 (M:68.5)	2	3.5	2.87	510	1.87	2	28.90
NID2_HUMAN	151.2	5.0	1	68.2 (M:68.2)	2	1.5	0.64	511	1.18	2	63.47
rndMYO7A_HUMAN	254.2	9.5	1	68.0 (M:68.0)	1	1.1	476.26	512	1.17	1	
CE290_HUMAN	290.2	5.7	9	67.8 (M:67.8)	3	0.7	4.61	513	1.16	3	26.28
TRIPB_HUMAN	227.5	5.1	7	67.6 (M:67.6)	2	0.8	3.58	514	1.26!	2	16.30
rndMUC16_HUMAN	2353.1	5.6	1	67.6 (M:67.6)	1	0.1	458.52	515	0.52	1	
CEAM5_HUMAN	76.7	5.3	2	67.4 (M:67.4)	2	3.8	0.14	516	0.78	1	
DPB1_HUMAN	29.1	9.7	1	67.4 (M:67.4)	2	5.0	1.60	517	0.15	2	388.58
rndHECD1_HUMAN	289.4	5.2	1	67.2 (M:67.2)	2	0.7	4.12	518	1.07!	2	58.89
MDHM_HUMAN	35.5	9.8	1	67.1 (M:67.1)	2	5.6	3.07	519	1.13	2	17.27
SIAE_HUMAN	58.3	7.1	1	67.1 (M:67.1)	2	3.6	1.75	520			
AGRIN_HUMAN	214.7	6.0	1	67.1 (M:67.1)	2	1.0	5.37	521	0.74!	1	
QOR_HUMAN	35.2	9.2	1	67.0 (M:67.0)	1	4.9	5.06	522	0.92	1	
PLST_HUMAN	70.8	5.3	1	66.9 (M:66.9)	2	3.0	2.10	523	0.74	2	27.17
TYB10_HUMAN	5.0	5.2	1	66.5 (M:66.5)	2	29.5	4.38	524	0.38!	1	
NXT2_HUMAN	16.2	5.1	1	66.4 (M:66.4)	1	11.3	636.50	525			
APT_HUMAN	19.6	5.7	1	66.3 (M:66.3)	1	6.1	2.03	526			
ACTY_HUMAN	42.3	6.0	1	66.1 (M:66.1)	2	7.7	1.18	527	1.27	1	
PERQ1_HUMAN	114.5	5.2	1	66.1 (M:66.1)	1	1.9	3.24	528			
RPP30_HUMAN	29.3	10.0	1	66.0 (M:66.0)	1	3.4	0.32	529			

GOGA4_HUMAN	261.0	5.2	1	66.0 (M:66.0)	1	0.8	567.19	530	0.02!	1	
TRAP1_HUMAN	80.1	9.0	1	65.8 (M:65.8)	2	3.0	2.36	531	1.50	2	9.50
rndUBN1_HUMAN	121.4	9.9	1	65.8 (M:65.8)	1	1.8	522.05	532			
SAHH_HUMAN	47.7	5.9	1	65.7 (M:65.7)	2	3.9	672.29	533	1.15	1	
APEX1_HUMAN	35.5	9.2	1	65.5 (M:65.5)	2	4.7	2.98	534	0.73!	1	
FKBP4_HUMAN	51.8	5.2	1	65.4 (M:65.4)	2	3.7	2.87	535	1.17	2	57.47
P2Y12_HUMAN	39.4	10.4	1	65.2 (M:65.2)	2	3.5	4.51	536	2.19!	1	
CE350_HUMAN	350.7	5.9	1	65.2 (M:65.2)	2	0.4	3.04	537	1.83	2	39.94
ARF6_HUMAN	20.1	9.6	1	65.1 (M:65.1)	2	9.1	2.81	538	1.01	2	19.29
PIBF1_HUMAN	89.7	5.7	1	65.0 (M:65.0)	2	2.2	2.25	539	1.38	1	
MYO6_HUMAN	149.6	9.5	1	65.0 (M:65.0)	1	2.1	331.39	540			
CATC_HUMAN	51.8	6.6	1	64.9 (M:64.9)	2	4.1	5.45	541			
IF4G1_HUMAN	175.4	5.1	1	64.9 (M:64.9)	1	0.7	0.97	542			
RL22_HUMAN	14.8	9.7	1	64.8 (M:64.8)	2	13.3	2.53	543	1.11!	2	33.69
PA2G4_HUMAN	43.8	6.1	1	64.7 (M:64.7)	2	4.1	1.13	544	0.93	2	6.11
PCBP1_HUMAN	37.5	6.8	2	64.6 (M:64.6)	2	4.8	0.83	545	1.19!	1	
EHD4_HUMAN	61.1	6.3	1	64.5 (M:64.5)	1	3.0	620.32	546			
RABP2_HUMAN	15.7	5.2	2	64.4 (M:64.4)	2	11.6	2.02	547	1.93	2	37.40
F10A1_HUMAN	41.3	5.0	3	64.4 (M:64.4)	2	3.8	3.00	548	1.21!	1	
RS7_HUMAN	22.1	10.6	1	64.2 (M:64.2)	2	8.2	2.84	549	0.01!	1	
RAB2A_HUMAN	23.5	6.1	1	64.1 (M:64.1)	2	10.8	396.52	550	0.94	2	3.54
SAR1A_HUMAN	22.4	6.2	1	64.0 (M:64.0)	2	10.1	0.51	551	0.60	2	5.46
HDGF_HUMAN	26.8	4.6	1	63.7 (M:63.7)	2	7.5	1.94	552	0.79	2	42.16
PAIRB_HUMAN	44.9	9.3	1	63.7 (M:63.7)	1	3.2	3.80	553			
RS25_HUMAN	13.7	10.6	1	63.1 (M:63.1)	2	12.8	4.45	554	1.47	2	14.02
LLR1_HUMAN	46.7	10.3	1	63.0 (M:63.0)	1	2.9	1.65	555	1.43	1	
CO6A1_HUMAN	108.5	5.1	1	62.8 (M:62.8)	2	1.5	1.54	556	1.17	2	9.07
U520_HUMAN	244.4	5.7	2	62.7 (M:62.7)	2	1.0	2.32	557	0.79	1	
HV316_HUMAN	12.8	9.6	2	62.6 (M:62.6)	2	20.2	1.41	558	1.72!	1	
PCOC1_HUMAN	47.9	8.7	1	62.6 (M:62.6)	1	3.6	2.13	559	1.46	1	
APOA4_HUMAN	45.4	5.2	1	62.4 (M:62.4)	2	3.8	2.99	560	1.35	2	26.37
SPB3_HUMAN	44.5	6.4	2	62.1 (M:62.1)	2	4.4	3.10	561	1.62	2	5.98
GRB2_HUMAN	25.2	5.9	1	62.0 (M:62.0)	2	6.5	2.16	562	0.99!	1	
RL23_HUMAN	14.9	11.2	1	61.9 (M:61.9)	2	12.9	2.37	563	1.24	2	12.78
S100P_HUMAN	10.4	4.6	1	61.8 (M:61.8)	2	24.2	4.57	564	1.20	2	74.60
FLII_HUMAN	144.7	5.7	1	61.7 (M:61.7)	2	1.3	1.37	565			
GT251_HUMAN	71.6	7.0	1	61.6 (M:61.6)	2	2.6	3.95	566	0.66!	1	
RS15A_HUMAN	14.8	10.9	1	61.4 (M:61.4)	2	13.1	1.21	567	1.60	2	14.34

MXRA5_HUMAN	312.1	9.3	1	61.3 (M:61.3)	1	0.6	8.41	568			
rndCSPP1_HUMAN	141.7	6.2	1	61.2 (M:61.2)	1	1.0	3.97	569	1.93	1	
DHE3_HUMAN	61.4	8.5	1	61.2 (M:61.2)	1	3.2	2.03	570	1.09	1	
IGBP1_HUMAN	39.2	5.1	1	61.1 (M:61.1)	1	2.9	2.14	571			
G6PD_HUMAN	59.2	6.4	1	60.8 (M:60.8)	2	2.7	2.22	572	0.61!	1	
PAG15_HUMAN	46.6	6.3	1	60.6 (M:60.6)	2	4.1	1.76	573	1.07	2	13.71
CO8A_HUMAN	65.1	6.1	1	60.6 (M:60.6)	2	3.1	2.37	574	1.56	2	8.94
rndINT2_HUMAN	134.3	5.7	1	60.2 (M:60.2)	2	1.2	12.70	575	1.35!	1	
RS16_HUMAN	16.4	10.8	1	60.1 (M:60.1)	2	10.3	1.30	576	1.25!	1	
P3H1_HUMAN	83.3	4.9	1	60.0 (M:60.0)	2	3.1	2.42	577	0.59!	1	
rndTEN2_HUMAN	307.6	6.2	1	59.6 (M:59.6)	2	0.2	3.16	578	1.46	2	5.79
PSME4_HUMAN	211.2	6.5	7	59.6 (M:59.6)	2	0.6	2.74	579	1.88	2	28.50
FBN1_HUMAN	312.1	4.7	1	59.6 (M:59.6)	2	0.5	2.22	580	1.24	2	7.32
NPM_HUMAN	32.6	4.5	1	59.4 (M:59.4)	2	7.1	3.90	581	0.98!	1	
DCTN2_HUMAN	44.2	5.0	3	59.4 (M:59.4)	2	4.0	2.66	582	1.41	2	19.00
KLK13_HUMAN	30.6	9.8	1	59.2 (M:59.2)	2	5.1	1.70	583	1.76	2	5.88
TRIP6_HUMAN	50.3	8.0	1	59.0 (M:59.0)	2	6.7	4.45	584	1.19	1	
DNJB2_HUMAN	35.6	5.6	1	58.9 (M:58.9)	1	3.4	2.02	585			
PDC6I_HUMAN	96.0	6.1	1	58.8 (M:58.8)	1	1.0	1.18	586	1.21	1	
rndMGAP_HUMAN	331.6	6.3	1	58.7 (M:58.7)	1	0.5	1.93	587	1.53	1	
CD82_HUMAN	29.6	5.0	1	58.6 (M:58.6)	1	3.7	2.04	588	2.08	1	
DFFA_HUMAN	36.5	4.5	1	58.6 (M:58.6)	1	4.8	266.02	589			
LEG3_HUMAN	26.1	9.1	1	58.5 (M:58.5)	2	5.6	2.84	590	1.07!	1	
GRP75_HUMAN	73.6	5.8	1	58.4 (M:58.4)	2	2.2	7.14	591	1.27!	2	1.22
MCM6_HUMAN	92.8	5.2	1	58.3 (M:58.3)	1	2.4	0.38	592	0.62!	1	
NONO_HUMAN	54.2	9.6	1	58.3 (M:58.3)	2	3.2	1.75	593	0.70	2	3.49
RL7A_HUMAN	30.0	11.3	1	58.2 (M:58.2)	2	4.1	3.78	594	1.35	2	24.39
TYSY_HUMAN	35.7	6.6	1	58.0 (M:58.0)	1	6.1	1.87	595			
ITIH1_HUMAN	101.3	6.3	1	58.0 (M:58.0)	2	1.9	2.05	596	1.33	2	19.60
RS5_HUMAN	22.9	10.4	1	57.7 (M:57.7)	2	12.7	0.20	597	2.29	1	
rndCKAP5_HUMAN	225.4	8.8	1	57.6 (M:57.6)	1	0.6	6.17	598	1.02	1	
GOGA3_HUMAN	167.3	5.2	1	57.5 (M:57.5)	2	2.1	248.58	599	1.27	1	
APOH_HUMAN	38.3	9.5	1	57.5 (M:57.5)	1	2.6	0.96	600	1.21	1	
YTDC2_HUMAN	160.1	9.5	1	57.3 (M:57.3)	1	1.0	1.25	601			
IPO7_HUMAN	119.4	4.6	1	57.0 (M:57.0)	2	1.3	6.27	602			
DPP3_HUMAN	82.5	4.9	3	57.0 (M:57.0)	2	3.4	1.19	603			
CD44_HUMAN	81.5	5.0	1	56.9 (M:56.9)	2	1.9	4.86	604	0.03!	1	
MDN1_HUMAN	632.4	5.4	1	56.8 (M:56.8)	0	0.3	9.39	605			

HAUS1_HUMAN	31.8	5.3	1	56.8 (M:56.8)	1	4.0	3.95	606			
TT21B_HUMAN	150.8	6.5	1	56.7 (M:56.7)	2	0.8	3.19	607	0.87	2	27.21
KCC2D_HUMAN	56.3	6.9	1	56.6 (M:56.6)	1	2.6	2.98	608			
SUMO4_HUMAN	10.7	7.5	3	56.6 (M:56.6)	1	12.6	5.05	609			
TCPG_HUMAN	60.5	6.1	1	56.6 (M:56.6)	2	2.9	0.98	610	0.49!	1	
DP13B_HUMAN	74.4	4.7	1	56.5 (M:56.5)	2	4.8	195.39	611			
AACT_HUMAN	47.6	5.2	1	56.5 (M:56.5)	2	3.5	1.84	612	1.75	2	3.36
CN166_HUMAN	28.1	6.2	2	56.4 (M:56.4)	2	5.7	2.06	613	0.83	2	24.83
KIF7_HUMAN	150.5	6.4	1	56.4 (M:56.4)	1	0.9	1.42	614	1.12	1	
ZC3HF_HUMAN	48.6	5.1	1	56.3 (M:56.3)	1	3.3	7.28	615			
rndSYNEM_HUM	172.7	5.0	1	56.2 (M:56.2)	1	0.9	588.78	616			
AN32B_HUMAN	28.8	3.8	1	56.2 (M:56.2)	2	6.8	1.22	617	0.69!	1	
ODO1_HUMAN	115.9	6.4	1	56.2 (M:56.2)	1	1.2	5.11	618			
NP1L4_HUMAN	42.8	4.4	1	56.0 (M:56.0)	2	4.5	4.31	619	0.91!	1	
AP3D1_HUMAN	130.1	9.4	1	55.9 (M:55.9)	1	1.9	315.74	620			
PSA1_HUMAN	29.5	6.2	1	55.6 (M:55.6)	2	8.0	606.32	621	1.07	2	18.31
APOC3_HUMAN	10.8	5.1	1	55.5 (M:55.5)	2	23.2	3.31	622	1.42	2	15.38
BAP31_HUMAN	28.0	9.1	1	55.2 (M:55.2)	2	6.5	4.62	623	0.48!	1	
CAPZB_HUMAN	31.3	5.2	1	55.2 (M:55.2)	2	6.5	0.90	624	0.95	2	39.71
FTO_HUMAN	58.2	5.0	1	55.1 (M:55.1)	1	3.8	229.04	625			
rndASPM_HUM	409.5	11.2	1	55.1 (M:55.1)	1	0.3	5.31	626	1.53	1	
CLCA4_HUMAN	101.2	5.2	1	55.0 (M:55.0)	2	1.3	0.82	627	1.60	2	4.81
PSME1_HUMAN	28.7	5.7	1	55.0 (M:55.0)	2	6.0	3.74	628			
F190A_HUMAN	99.4	8.8	8	54.9 (M:54.9)	2	1.1	1178.11	629			
LPP_HUMAN	65.7	7.8	1	54.9 (M:54.9)	2	2.5	2.36	630	1.37	2	14.38
PPCS_HUMAN	34.0	6.3	1	54.9 (M:54.9)	2	7.7	3.61	631	0.75	1	
CO9_HUMAN	63.1	5.3	1	54.7 (M:54.7)	2	3.6	459.37	632	1.14	2	5.54
FERM2_HUMAN	77.8	6.3	1	54.7 (M:54.7)	2	2.5	0.34	633	1.14	2	10.49
ANK3_HUMAN	480.1	6.1	1	54.6 (M:54.6)	1	0.5	11.84	634	1.02	1	
PCP_HUMAN	55.8	6.9	1	54.5 (M:54.5)	2	2.6	3.75	635			
rndSULF1_HUM	101.0	10.0	1	54.4 (M:54.4)	2	1.1	6.84	636	0.38!	1	
UBXN1_HUMAN	33.3	5.1	1	54.2 (M:54.2)	2	4.7	1.24	637	0.60!	1	
ELOB_HUMAN	13.1	4.6	1	54.2 (M:54.2)	1	6.8	1.31	638			
SAA4_HUMAN	14.8	9.7	1	54.0 (M:54.0)	2	8.5	1.10	639	1.30	2	41.23
LAMA2_HUMAN	343.7	6.0	1	53.8 (M:53.8)	2	0.6	1.40	640	1.41	2	8.49
rndGOSR1_HUM	28.6	10.0	1	53.8 (M:53.8)	2	6.4	795.88	641			
HMGB3_HUMAN	23.0	9.2	1	53.7 (M:53.7)	2	6.0	4.52	642	0.48	2	22.88
ECE1_HUMAN	87.1	5.5	1	53.7 (M:53.7)	2	1.6	4.74	643	1.30	2	26.21

LIPG_HUMAN	45.2	7.0	1	53.6 (M:53.6)	2	2.8	2.70	644	2.35	2	13.34
IBP7_HUMAN	29.1	9.6	1	53.6 (M:53.6)	2	5.3	3.20	645			
NB5R4_HUMAN	59.4	8.5	1	53.5 (M:53.5)	0	2.9	5.83	646			
SF3B2_HUMAN	97.6	5.4	1	53.4 (M:53.4)	2	1.8	0.43	647	0.75	2	81.41
LAMA5_HUMAN	399.5	6.7	1	53.3 (M:53.3)	1	0.4	2.02	648	1.21	1	
LV104_HUMAN	11.4	4.5	4	53.3 (M:53.3)	2	14.4	629.10	649	1.34	2	7.98
ASPG_HUMAN	37.2	5.8	1	53.1 (M:53.1)	2	6.4	7.45	650			
ARD1A_HUMAN	26.4	5.3	1	53.0 (M:53.0)	1	5.1	1.36	651	1.01	1	
CAN1_HUMAN	81.8	5.4	1	52.9 (M:52.9)	2	2.0	2.99	652	1.26!	1	
RTN3_HUMAN	112.5	4.7	1	52.8 (M:52.8)	2	1.4	6.00	653	1.16!	1	
RRP12_HUMAN	143.6	9.8	1	52.8 (M:52.8)	2	1.9	8.54	654	1.19	1	
LV106_HUMAN	11.7	6.9	4	52.7 (M:52.7)	2	14.7	2.16	655	1.60	2	1.65
ECP_HUMAN	18.4	12.2	1	52.7 (M:52.7)	2	11.9	1.44	656	0.31!	1	
DHX9_HUMAN	140.9	6.4	1	52.7 (M:52.7)	1	1.3	878.29	657			
GALNS_HUMAN	58.0	6.3	1	52.5 (M:52.5)	2	3.8	2.66	658	0.02!	1	
PXDC2_HUMAN	59.5	6.0	1	52.2 (M:52.2)	2	4.2	1.27	659	1.25!	1	
QRIC2_HUMAN	180.7	6.3	1	52.2 (M:52.2)	1	0.9	9.59	660	2.18	1	
S10A7_HUMAN	11.5	6.4	1	52.2 (M:52.2)	1	10.9	2.38	661	0.99	1	
PDL1_HUMAN	36.0	6.6	1	52.0 (M:52.0)	2	6.4	3.96	662	0.69	2	6.46
NHRF1_HUMAN	38.8	5.5	1	52.0 (M:52.0)	2	6.1	0.73	663	0.93	1	
rndZFP14_HUMAN	63.4	9.9	1	51.9 (M:51.9)	2	2.4	9.30	664	1.40	2	28.28
PCLO_HUMAN	566.3	6.1	1	51.8 (M:51.8)	2	0.3	4.23	665	0.14	2	315.73
SNUT1_HUMAN	90.2	5.8	1	51.8 (M:51.8)	1	2.1	392.05	666	1.04	1	
RPAC1_HUMAN	39.2	5.2	1	51.5 (M:51.5)	1	4.6	4.79	667			
KV106_HUMAN	11.8	9.2	1	51.5 (M:51.5)	1	10.2	2.25	668	1.43	1	
RCN2_HUMAN	36.9	4.1	1	51.4 (M:51.4)	1	4.7	1.13	669			
KV119_HUMAN	11.6	7.8	1	51.3 (M:51.3)	1	16.7	3.95	670			
UBP5_HUMAN	95.7	4.8	1	51.2 (M:51.2)	2	4.1	223.16	671	1.00	1	
CLCB_HUMAN	25.2	4.4	1	51.2 (M:51.2)	1	3.9	0.24	672	0.76	1	
NSF1C_HUMAN	40.5	4.9	1	51.2 (M:51.2)	2	6.8	397.21	673	0.86	1	
PPAC_HUMAN	18.0	6.4	1	51.1 (M:51.1)	2	12.7	0.93	674	0.95!	1	
PDIA6_HUMAN	48.1	4.8	1	50.9 (M:50.9)	2	4.3	1.99	675	0.82	2	24.16
UB2V1_HUMAN	16.5	9.0	1	50.8 (M:50.8)	1	6.1	4.64	676			
BTBDG_HUMAN	58.4	10.0	1	50.8 (M:50.8)	1	2.8	6.88	677			
RBBP4_HUMAN	47.6	4.6	2	50.7 (M:50.7)	2	6.4	2.92	678			
A2GL_HUMAN	38.2	6.5	1	50.7 (M:50.7)	1	2.9	2.05	679	1.38	1	
CAN2_HUMAN	80.0	4.7	1	50.7 (M:50.7)	1	2.3	487.30	680	1.12	1	
RFA3_HUMAN	13.6	4.8	1	50.7 (M:50.7)	1	6.6	4.42	681			

HV307_HUMAN	13.7	10.1	1	50.7 (M:50.7)	2	9.8	0.54	682	1.43	2	19.04
RS4X_HUMAN	29.6	10.8	3	50.7 (M:50.7)	2	5.7	1.10	683	0.88	2	3.33
K1529_HUMAN	191.0	5.7	1	50.6 (M:50.6)	2	1.0	7.06	684	1.20	2	73.59
S10AA_HUMAN	11.2	7.7	1	50.6 (M:50.6)	2	17.5	1.86	685	0.96	2	9.49
ISK5_HUMAN	120.6	9.6	1	50.6 (M:50.6)	1	1.5	6.40	686	2.15	1	
NRP2_HUMAN	104.8	4.9	1	50.6 (M:50.6)	2	1.6	3.99	687	0.91	2	0.28
MIPEP_HUMAN	80.6	6.6	1	50.5 (M:50.5)	1	2.1	3.49	688	1.13!	1	
CK5P3_HUMAN	56.9	4.5	1	50.2 (M:50.2)	2	2.6	5.21	689	0.75	2	5.49
CBPN_HUMAN	52.3	7.0	1	50.2 (M:50.2)	2	3.3	2.57	690	1.23	2	1.15
PGRP2_HUMAN	62.2	8.0	1	50.1 (M:50.1)	1	1.4	0.17	691	1.54	1	
GDIR1_HUMAN	23.2	4.9	1	50.1 (M:50.1)	1	6.4	878.29	692	1.92	1	
BGH3_HUMAN	74.6	8.6	1	50.1 (M:50.1)	2	2.2	4.92	693	0.61!	1	
PRS8_HUMAN	45.6	7.8	1	49.9 (M:49.9)	1	3.2	2.95	694	1.16	1	
SHPS1_HUMAN	54.8	6.3	1	49.8 (M:49.8)	1	1.8	0.10	695			
TFG_HUMAN	43.4	4.8	1	49.8 (M:49.8)	1	3.5	0.65	696	0.79	1	
rndTSN15_HUMAN	33.1	5.2	1	49.8 (M:49.8)	1	5.4	580.29	697			
PLBL2_HUMAN	65.4	6.4	1	49.8 (M:49.8)	2	2.7	3.45	698	0.78	2	32.07
NFH_HUMAN	112.4	5.9	1	49.7 (M:49.7)	2	1.8	5.33	699	0.91	2	7.82
FBX3_HUMAN	54.5	4.7	1	49.7 (M:49.7)	2	2.3	1.19	700	1.30	2	42.36
rndDMD_HUMAN	426.4	5.6	1	49.7 (M:49.7)	0	0.4	12.03	701			
PCBP2_HUMAN	38.6	6.4	1	49.6 (M:49.6)	2	5.2	1.95	702			
rndDCDC5_HUMAN	72.7	9.8	1	49.6 (M:49.6)	2	2.6	8.87	703	2.61	2	3.35
rndBAZ2B_HUMAN	240.3	6.1	2	49.4 (M:49.4)	1	0.5	692.03	704	1.35	1	
rndESIP1_HUMAN	36.8	10.5	1	49.4 (M:49.4)	1	5.0	0.70	705	1.46	1	
PRTN3_HUMAN	27.8	10.3	1	49.3 (M:49.3)	2	6.6	1.86	706	0.59	2	6.19
LYPD3_HUMAN	35.9	9.5	1	49.3 (M:49.3)	2	3.5	2.84	707	1.82	2	14.32
VTDB_HUMAN	52.9	5.3	1	49.2 (M:49.2)	1	3.8	4.69	708	1.32!	1	
PCKGM_HUMAN	70.7	8.7	1	49.2 (M:49.2)	2	2.3	10.83	709	1.31!	1	
NH2L1_HUMAN	14.2	9.7	1	49.0 (M:49.0)	1	6.2	0.84	710	1.03	1	
rndP121C_HUMAN	125.0	11.1	7	49.0 (M:49.0)	1	1.5	1123.01	711			
rndTHY1_HUMAN	17.9	9.9	1	49.0 (M:49.0)	2	9.3	6.93	712	1.40	2	16.52
CAND1_HUMAN	136.3	5.4	1	49.0 (M:49.0)	2	1.4	2.38	713	1.14!	1	
CPPED_HUMAN	35.6	5.8	1	49.0 (M:49.0)	1	3.5	0.84	714			
SEM4B_HUMAN	92.1	6.6	1	49.0 (M:49.0)	2	1.6	3.08	715	1.18!	1	
DSG2_HUMAN	122.2	5.0	1	49.0 (M:49.0)	1	0.9	1.70	716	0.61	1	
OLFL1_HUMAN	45.9	9.2	1	48.8 (M:48.8)	2	4.2	9.08	717	1.00!	1	
CA125_HUMAN	118.0	5.4	1	48.7 (M:48.7)	1	1.3	10.12	718			
CYTC_HUMAN	15.8	9.9	1	48.6 (M:48.6)	1	7.5	2.86	719	0.71	1	

RS23_HUMAN	15.8	11.3	1	48.6 (M:48.6)	2	23.1	236.47	720			
PLIN3_HUMAN	47.0	5.2	1	48.6 (M:48.6)	1	2.1	2.41	721			
ALS_HUMAN	66.0	6.4	1	48.5 (M:48.5)	1	1.3	1.51	722	1.84		1
DOP2_HUMAN	258.0	5.9	1	48.4 (M:48.4)	2	0.9	417.07	723	0.62		1
ELNE_HUMAN	28.5	12.2	1	48.4 (M:48.4)	2	6.4	0.29	724	0.03!		1
MFAP4_HUMAN	28.6	5.3	1	48.4 (M:48.4)	2	5.1	0.40	725	2.04!		1
PIWL2_HUMAN	109.8	10.0	1	48.3 (M:48.3)	2	1.3	6.92	726	1.19		2
CTRO_HUMAN	231.3	6.1	1	48.2 (M:48.2)	1	0.7	838.99	727			
rndIMDH1_HUMAN	55.4	6.5	1	48.2 (M:48.2)	2	2.7	797.68	728	1.63		2
GMDS_HUMAN	41.9	7.1	1	48.2 (M:48.2)	2	7.3	7.56	729	0.96		1
SRRT_HUMAN	100.6	5.6	4	48.2 (M:48.2)	1	1.1	892.16	730	2.80		1
PTPRK_HUMAN	162.0	5.5	1	48.1 (M:48.1)	2	1.1	1.74	731	1.19		2
ANK2_HUMAN	430.0	4.9	1	48.0 (M:48.0)	1	0.5	11.07	732			
KV203_HUMAN	12.0	0.0	5	48.0 (M:48.0)	1	11.6	4.10	733	1.89!		1
AF1L1_HUMAN	86.4	6.4	1	47.8 (M:47.8)	1	1.4	1.26	734	0.72		1
VATA_HUMAN	68.3	5.2	1	47.8 (M:47.8)	1	2.4	2.37	735			
PLTP_HUMAN	54.7	6.6	1	47.7 (M:47.7)	2	4.3	5.60	736	0.89		2
HINT1_HUMAN	13.8	6.5	1	47.6 (M:47.6)	1	5.6	2.67	737	0.75		1
rndATLA2_HUMAN	66.2	5.2	1	47.6 (M:47.6)	1	2.4	634.45	738			
rndTMTC1_HUMAN	87.3	9.7	1	47.6 (M:47.6)	1	1.4	735.26	739			
rndZSC20_HUMAN	117.5	6.0	1	47.5 (M:47.5)	2	1.2	2.98	740	1.26!		1
rndLUZP2_HUMAN	38.9	9.7	1	47.4 (M:47.4)	2	4.3	3.50	741	1.08		2
SPON1_HUMAN	90.9	5.8	1	47.4 (M:47.4)	2	2.1	1.11	742	1.14		2
GNAQ_HUMAN	42.1	5.4	1	47.3 (M:47.3)	2	5.8	7.39	743	0.80		1
PLOD3_HUMAN	84.7	5.6	1	47.3 (M:47.3)	2	2.2	3.60	744	0.88		2
TIMP1_HUMAN	23.2	9.8	1	47.2 (M:47.2)	1	5.8	4.17	745	0.75		1
ARPC5_HUMAN	16.3	5.3	1	47.2 (M:47.2)	2	11.9	1.11	746			
BAHC1_HUMAN	276.8	9.9	1	47.2 (M:47.2)	1	0.6	6.28	747	1.07		1
PTMS_HUMAN	11.5	4.0	1	47.1 (M:47.1)	1	10.8	2.62	748	1.06		1
SENP6_HUMAN	126.1	6.3	1	47.1 (M:47.1)	2	2.1	3.59	749	1.24		1
MCM2_HUMAN	101.8	5.2	1	47.1 (M:47.1)	1	1.5	7.08	750			
EDF1_HUMAN	16.4	10.4	1	47.0 (M:47.0)	1	8.1	3.36	751			
ZC3HE_HUMAN	82.8	7.2	1	47.0 (M:47.0)	2	3.3	1.48	752			
rndKINH_HUMAN	109.6	6.1	1	47.0 (M:47.0)	1	2.8	321.25	753			
CCD38_HUMAN	65.3	9.4	1	47.0 (M:47.0)	2	2.3	767.86	754			
TF65_HUMAN	60.2	5.4	1	47.0 (M:47.0)	1	2.2	1.75	755			
RS19_HUMAN	16.1	10.7	1	46.9 (M:46.9)	1	6.2	0.82	756	1.64		1
rndBIG3_HUMAN	240.5	5.5	1	46.9 (M:46.9)	2	0.9	904.19	757			

GBP2_HUMAN	67.2	5.4	1	46.8 (M:46.8)	1	1.4	12.16	758			
FCN3_HUMAN	32.9	6.2	1	46.8 (M:46.8)	2	6.4	3.08	759	1.45	2	4.22
MADD_HUMAN	183.2	5.7	1	46.8 (M:46.8)	1	0.9	1019.70	760	1.02	1	
PSA5_HUMAN	26.4	4.6	1	46.7 (M:46.7)	1	4.1	2.12	761			
SH3L1_HUMAN	12.8	5.1	1	46.7 (M:46.7)	2	19.3	3.26	762			
LEMD2_HUMAN	56.9	9.9	2	46.6 (M:46.6)	0	3.2	10.97	763			
rndROBO1_HUMAN	180.8	5.6	1	46.6 (M:46.6)	0	1.0	617.38	764			
ARSB_HUMAN	59.6	9.2	1	46.4 (M:46.4)	1	1.5	4.99	765	1.42	1	
SFRS6_HUMAN	39.6	12.0	1	46.3 (M:46.3)	1	5.5	601.60	766			
TRI18_HUMAN	75.2	6.4	1	46.3 (M:46.3)	1	2.2	3.46	767			
rndBRE1B_HUMAN	113.6	5.9	1	46.1 (M:46.1)	1	1.8	787.68	768	1.53	1	
rndCANT1_HUMAN	44.8	5.7	1	46.0 (M:46.0)	1	3.2	2.45	769	1.06	1	
JMJD6_HUMAN	46.4	9.5	1	46.0 (M:46.0)	1	3.5	0.84	770			
BMS1_HUMAN	145.7	6.0	1	45.9 (M:45.9)	1	1.1	2.12	771			
AGR2_HUMAN	20.0	9.5	1	45.9 (M:45.9)	1	9.7	408.85	772			
TPP1_HUMAN	61.2	6.0	1	45.9 (M:45.9)	2	1.2	2.29	773			
U2AF4_HUMAN	25.7	6.8	2	45.8 (M:45.8)	1	6.4	2.05	774			
AL1B1_HUMAN	57.2	6.4	1	45.8 (M:45.8)	1	2.7	3.01	775			
EHD1_HUMAN	60.6	6.4	1	45.8 (M:45.8)	1	2.6	4.38	776			
DAPLE_HUMAN	228.1	5.8	2	45.8 (M:45.8)	1	0.6	753.22	777			
RM22_HUMAN	23.6	10.5	1	45.5 (M:45.5)	0	7.3	783.43	778			
KLRAQ_HUMAN	88.3	6.4	1	45.5 (M:45.5)	2	1.4	8.50	779	0.75	1	
rndINT11_HUMAN	67.6	9.2	1	45.4 (M:45.4)	1	2.3	2.15	780	1.15	1	
rndCO6A6_HUMAN	247.0	6.4	1	45.2 (M:45.2)	1	0.7	8.66	781	0.69	1	
OCAD1_HUMAN	27.6	7.8	1	45.1 (M:45.1)	1	5.3	1.33	782			
ATOX1_HUMAN	7.4	7.7	1	45.1 (M:45.1)	1	11.8	1.38	783	1.48	1	
VIP_HUMAN	19.2	6.2	1	45.1 (M:45.1)	1	12.9	465.97	784			
OTUB1_HUMAN	31.3	4.7	1	45.1 (M:45.1)	1	6.3	2.19	785	0.96	1	
rndLRGUK_HUMAN	93.6	6.0	1	45.0 (M:45.0)	1	1.6	1144.19	786			
ABCD1_HUMAN	82.9	9.7	2	45.0 (M:45.0)	2	2.0	9.50	787	1.29	2	29.07
MACF1_HUMAN	620.0	5.1	2	45.0 (M:45.0)	2	0.3	520.09	788			
ALPK2_HUMAN	236.9	5.0	1	44.8 (M:44.8)	1	0.7	634.62	789			
MRCKB_HUMAN	194.2	5.9	1	44.8 (M:44.8)	2	0.8	11.40	790	1.62!	1	
DDX6_HUMAN	54.4	9.6	1	44.8 (M:44.8)	2	3.5	5.21	791	1.08	2	43.86
RS18_HUMAN	17.7	11.5	1	44.7 (M:44.7)	1	5.9	3.86	792	1.07	1	
rndSYNE1_HUMAN	1010.4	5.3	1	44.7 (M:44.7)	1	0.1	677.82	793	1.78	1	
TRPM8_HUMAN	127.6	7.0	1	44.6 (M:44.6)	1	1.1	10.21	794	1.09	1	
RS12_HUMAN	14.5	7.7	1	44.5 (M:44.5)	1	7.6	0.74	795	1.82	1	

rndFR1L6_HUMAN	209.2	5.9	8	44.4 (M:44.4)	1	0.5	4.06	796	1.29	1	
BUB3_HUMAN	37.1	6.4	1	44.3 (M:44.3)	2	4.6	0.76	797	0.53!	1	
ANGT_HUMAN	53.1	5.9	1	44.2 (M:44.2)	2	4.9	1.70	798	1.20	2	52.95
ABCE1_HUMAN	67.3	9.5	1	44.2 (M:44.2)	2	2.3	6.25	799	1.07!	1	
NXF1_HUMAN	70.1	9.5	1	44.2 (M:44.2)	1	3.7	1.46	800			
TNPO1_HUMAN	102.3	4.7	1	44.2 (M:44.2)	2	1.2	9.92	801	1.62!	1	
CLAP1_HUMAN	169.3	9.8	1	44.1 (M:44.1)	2	1.3	3.46	802			
SPDLY_HUMAN	70.1	5.3	1	44.1 (M:44.1)	1	1.7	2.03	803			
RPF2_HUMAN	35.6	10.5	1	43.9 (M:43.9)	1	4.9	1.08	804			
rndACHD_HUMAN	58.9	6.1	1	43.8 (M:43.8)	2	3.1	3.94	805	1.61!	1	
ANM5_HUMAN	72.6	5.9	1	43.6 (M:43.6)	1	1.6	2.09	806	1.01	1	
RAB14_HUMAN	23.9	5.8	1	43.6 (M:43.6)	1	3.7	1.18	807	1.39	1	
SC61G_HUMAN	7.7	10.8	1	43.6 (M:43.6)	1	17.6	0.75	808			
MYH7_HUMAN	223.0	5.5	2	43.4 (M:43.4)	1	0.6	5.32	809			
rndRIMB1_HUMAN	199.9	4.9	1	43.3 (M:43.3)	2	1.1	8.22	810	1.18	1	
SSRD_HUMAN	19.0	5.7	1	43.3 (M:43.3)	1	6.4	2.44	811			
CENPJ_HUMAN	152.9	6.2	1	43.3 (M:43.3)	1	1.1	467.86	812	0.94	1	
rndSMCA4_HUMAN	184.5	8.5	1	43.3 (M:43.3)	1	0.7	6.63	813	1.52!	1	
CEP55_HUMAN	54.1	6.6	1	43.3 (M:43.3)	0	3.4	7.27	814			
PYRG1_HUMAN	66.6	6.0	1	43.2 (M:43.2)	1	2.7	374.48	815			
SPB5_HUMAN	42.1	5.7	1	43.2 (M:43.2)	2	4.5	1.33	816	1.19	2	21.25
COPE_HUMAN	34.5	4.8	1	43.2 (M:43.2)	1	4.5	3.17	817			
CATL3_HUMAN	25.0	6.7	4	43.2 (M:43.2)	1	3.2	2.59	818			
CUL5_HUMAN	90.9	8.9	1	43.2 (M:43.2)	2	2.4	559.02	819	1.01	2	17.96
rndPLCL1_HUMAN	122.6	5.3	1	43.0 (M:43.0)	1	1.9	1.87	820			
AKA11_HUMAN	210.4	5.1	1	43.0 (M:43.0)	2	0.6	636.58	821	1.15!	1	
GPNMB_HUMAN	63.9	6.2	1	43.0 (M:43.0)	1	1.6	9.36	822			
PSME2_HUMAN	27.3	5.3	1	42.9 (M:42.9)	1	3.8	1.97	823	0.67	1	
RHG21_HUMAN	217.2	8.6	1	42.8 (M:42.8)	0	0.8	2.46	824			
rndCDK13_HUMAN	164.8	10.2	1	42.8 (M:42.8)	1	1.1	1042.15	825			
SPTA2_HUMAN	284.4	5.1	1	42.8 (M:42.8)	2	0.6	2.18	826	0.62	2	13.99
THSD4_HUMAN	112.4	9.2	1	42.6 (M:42.6)	1	1.0	5.18	827	1.43	1	
MTD2L_HUMAN	31.3	9.2	2	42.5 (M:42.5)	0	5.9	982.49	828			
ENPP6_HUMAN	50.2	8.9	1	42.4 (M:42.4)	1	3.6	0.92	829			
ITPR1_HUMAN	313.7	5.7	3	42.3 (M:42.3)	1	0.4	4.80	830	1.33	1	
EIF3A_HUMAN	166.5	6.4	2	42.2 (M:42.2)	1	1.1	8.08	831	0.99!	1	
rndMY18A_HUMAN	233.0	5.9	1	42.1 (M:42.1)	2	0.6	6.24	832	1.12!	1	
PDZD7_HUMAN	55.6	9.9	1	42.0 (M:42.0)	2	2.3	8.90	833	0.89	1	

rndFRM4B_HUM	111.6	9.3	1	42.0 (M:42.0)	1	1.2	2.22	834	1.26	1	
CAZA2_HUMAN	32.9	5.5	1	41.9 (M:41.9)	1	4.9	1.72	835			
SDCG1_HUMAN	122.9	5.9	1	41.8 (M:41.8)	1	1.4	637.79	836			
TBCE_HUMAN	59.3	6.3	1	41.7 (M:41.7)	1	2.1	2.84	837			
ATNG_HUMAN	7.3	9.2	1	41.6 (M:41.6)	1	21.2	1.62	838			
TOM6_HUMAN	8.0	4.5	1	41.4 (M:41.4)	1	18.9	1.81	839			
IDHP_HUMAN	50.9	9.6	1	41.4 (M:41.4)	2	2.2	1.62	840	1.18	2	5.45
rndOSCP1_HUM	43.2	5.7	1	41.4 (M:41.4)	1	2.9	8.07	841	1.40	1	
E41LA_HUMAN	69.3	9.9	1	41.3 (M:41.3)	1	2.7	577.51	842			
ETFA_HUMAN	35.1	9.5	1	41.3 (M:41.3)	1	8.1	341.74	843			
rndK1210_HUM	186.9	9.4	1	41.3 (M:41.3)	1	1.0	911.77	844	1.72	1	
PABP2_HUMAN	32.7	4.9	1	41.3 (M:41.3)	1	5.2	0.68	845			
SAFB1_HUMAN	102.6	5.2	1	41.3 (M:41.3)	1	3.1	1.33	846			
LMNB1_HUMAN	66.4	5.0	1	41.0 (M:41.0)	1	2.9	7.90	847			
E41L1_HUMAN	98.4	5.3	1	41.0 (M:41.0)	1	1.6	6.03	848	1.17	1	
FHL1_HUMAN	36.2	10.5	1	41.0 (M:41.0)	1	3.7	1.18	849	1.40	1	
DYH3_HUMAN	470.5	6.0	1	40.9 (M:40.9)	1	0.3	6.67	850	0.90	1	
EIF3F_HUMAN	37.5	5.1	1	40.9 (M:40.9)	1	2.5	2.94	851			
PTGR1_HUMAN	35.8	9.2	1	40.9 (M:40.9)	1	3.0	2.60	852	0.97	1	
OFUT1_HUMAN	43.9	9.5	1	40.8 (M:40.8)	1	2.6	0.83	853	0.69	1	
CPSM_HUMAN	164.8	6.3	1	40.8 (M:40.8)	1	0.9	1.24	854			
PNCB_HUMAN	57.5	5.4	1	40.7 (M:40.7)	1	1.3	3.79	855	0.62	1	
FAS_HUMAN	273.3	6.0	1	40.6 (M:40.6)	2	1.0	320.71	856	1.19	1	
GLRX1_HUMAN	11.8	9.7	1	40.5 (M:40.5)	1	10.4	1.31	857	0.95	1	
rndRDHE2_HUM	34.1	9.6	1	40.4 (M:40.4)	1	2.6	3.00	858	2.08	1	
NCOR2_HUMAN	274.6	7.3	1	40.3 (M:40.3)	1	0.6	5.01	859	0.75!	1	
LV405_HUMAN	11.3	4.1	2	40.2 (M:40.2)	1	7.5	4.48	860	1.34!	1	
VPS29_HUMAN	20.5	6.3	1	39.6 (M:39.6)	1	3.8	3.24	861	0.82	1	
RPN2_HUMAN	69.2	5.4	1	39.5 (M:39.5)	1	2.7	4.38	862			
DPP4_HUMAN	88.2	5.6	1	39.4 (M:39.4)	1	1.3	1.70	863	1.15	1	
NCPR_HUMAN	76.6	5.3	1	39.2 (M:39.2)	1	3.1	11.20	864			
LTBP1_HUMAN	186.7	5.6	1	38.8 (M:38.8)	1	0.5	3.42	865	0.79	1	
OAS3_HUMAN	121.1	9.7	1	38.8 (M:38.8)	1	1.4	9.29	866			
LY6D_HUMAN	13.3	10.4	1	38.7 (M:38.7)	1	7.0	0.60	867	1.78	1	
GO45_HUMAN	44.9	9.6	1	38.7 (M:38.7)	1	2.0	2.46	868	1.76	1	
RL26L_HUMAN	17.2	11.0	2	38.4 (M:38.4)	1	5.5	2.71	869	1.25	1	
CAH2_HUMAN	29.2	7.0	1	38.3 (M:38.3)	1	4.6	4.45	870	1.20	1	
SSBP_HUMAN	17.2	9.9	1	38.2 (M:38.2)	1	5.4	1.43	871			

EFHD2_HUMAN	26.7	5.0	1	38.2 (M:38.2)	1	3.3	0.48	872	1.04	1
CCS_HUMAN	29.0	5.2	1	37.9 (M:37.9)	1	4.7	2.97	873		
ANM1_HUMAN	41.5	5.1	2	37.9 (M:37.9)	1	2.2	4.65	874	0.92	1
RS15_HUMAN	17.0	10.8	1	37.8 (M:37.8)	1	4.1	1.80	875	1.71	1
NHLC2_HUMAN	79.4	5.2	1	37.8 (M:37.8)	1	1.0	0.16	876	1.10	1
SMR3B_HUMAN	8.2	10.2	1	37.6 (M:37.6)	1	26.6	1.88	877		
PDLI7_HUMAN	49.8	9.9	1	36.6 (M:36.6)	1	2.2	1.45	878	1.30	1
TEBP_HUMAN	18.7	4.2	1	36.6 (M:36.6)	1	5.0	0.99	879	0.97	1
NOTC3_HUMAN	243.5	5.1	1	36.6 (M:36.6)	1	0.4	1.46	880	1.17	1
RO60_HUMAN	60.6	9.2	1	36.5 (M:36.5)	1	1.5	0.09	881	0.93	1
rndNCOA7_HUM	106.1	5.3	1	36.4 (M:36.4)	1	1.4	9.18	882		
CLMN_HUMAN	111.6	4.7	1	36.4 (M:36.4)	1	2.1	423.91	883		
PRS10_HUMAN	44.1	7.8	1	36.2 (M:36.2)	1	7.7	304.48	884		
CCD56_HUMAN	11.7	10.0	1	36.2 (M:36.2)	1	9.4	0.49	885		
rndNMD3B_HUM	112.9	10.3	1	36.0 (M:36.0)	1	0.9	1064.14	886		
ML12B_HUMAN	19.8	4.5	3	36.0 (M:36.0)	1	3.5	1.65	887	1.86	1
rndZHX3_HUMA	104.6	5.7	1	35.6 (M:35.6)	1	0.7	1.56	888	0.55	1
DSC3_HUMAN	99.9	5.7	1	35.5 (M:35.5)	1	0.9	3.24	889	1.15	1
AKTS1_HUMAN	27.4	4.5	1	35.3 (M:35.3)	1	7.0	1.35	890		
AT5G1_HUMAN	14.3	10.9	3	35.2 (M:35.2)	1	5.1	3.97	891	1.84	1
IF6_HUMAN	26.6	4.4	1	35.2 (M:35.2)	1	4.5	4.28	892		
TRY1_HUMAN	26.5	6.1	2	35.1 (M:35.1)	1	3.2	0.01	893	1.34	1
LAMP2_HUMAN	44.9	5.3	1	35.0 (M:35.0)	1	2.0	0.94	894	0.46	1
AK1A1_HUMAN	36.5	6.4	1	34.7 (M:34.7)	1	2.5	1.60	895	1.04	1
RL6_HUMAN	32.7	11.1	1	34.7 (M:34.7)	1	2.4	0.18	896	1.75	1
CATB_HUMAN	37.8	5.9	1	34.7 (M:34.7)	1	2.1	2.51	897	0.89	1
SPIT1_HUMAN	58.4	5.9	1	34.6 (M:34.6)	1	1.9	3.79	898	1.09	1
rndCSMD3_HUM	405.7	5.6	1	34.6 (M:34.6)	1	0.2	2.02	899	2.02	1
DHRS3_HUMAN	33.5	10.0	1	34.5 (M:34.5)	1	4.0	1.18	900		
ADH7_HUMAN	40.0	9.4	1	34.4 (M:34.4)	1	2.4	1.65	901	1.49	1
IPKB_HUMAN	8.5	4.6	2	34.1 (M:34.1)	1	9.0	3.73	902		
PSA2_HUMAN	25.9	7.7	1	34.1 (M:34.1)	1	3.0	3.35	903		
PRS7_HUMAN	48.6	5.6	1	33.9 (M:33.9)	1	2.3	1.18	904	0.67	1
GSTM3_HUMAN	26.5	5.2	1	33.8 (M:33.8)	1	3.6	0.99	905	1.18	1
rndNOM1_HUM	96.2	9.1	1	33.7 (M:33.7)	1	1.2	784.99	906	0.93	1
UBA5_HUMAN	44.8	4.6	1	33.6 (M:33.6)	1	2.2	6.04	907		
BPIL1_HUMAN	49.1	9.5	1	33.6 (M:33.6)	1	2.4	3.58	908	2.44	1
PRDX5_HUMAN	22.0	9.9	1	33.5 (M:33.5)	1	5.1	0.08	909	0.92	1

KIF5C_HUMAN	109.4	5.8	2	33.4 (M:33.4)	1	0.7	2.84	910	0.86	1
LSM8_HUMAN	10.4	4.2	1	33.4 (M:33.4)	1	10.4	0.95	911		
CCD80_HUMAN	108.1	10.2	1	33.3 (M:33.3)	1	0.8	1.19	912		
PURA_HUMAN	34.9	6.0	1	33.2 (M:33.2)	1	3.1	0.35	913		
PSB9_HUMAN	23.2	4.8	1	33.2 (M:33.2)	1	4.6	2.59	914		
5NTD_HUMAN	63.3	6.6	1	33.0 (M:33.0)	1	1.7	10.10	915	1.47	1
LV001_HUMAN	12.4	7.5	1	32.9 (M:32.9)	1	7.7	5.74	916	1.08	1
PPAP_HUMAN	44.5	5.8	1	32.9 (M:32.9)	1	3.1	2.28	917	1.88	1
CAF1A_HUMAN	106.9	5.6	1	32.8 (M:32.8)	1	1.4	1.39	918		
AGK_HUMAN	47.1	9.2	1	32.8 (M:32.8)	1	3.6	1.38	919		
S10AC_HUMAN	10.6	5.8	1	32.8 (M:32.8)	1	8.7	5.94	920		
TCTP_HUMAN	19.6	4.7	1	32.8 (M:32.8)	1	4.1	1.19	921	0.62	1
RLA2_HUMAN	11.7	4.2	1	32.6 (M:32.6)	1	10.4	1.38	922	0.96	1
RBM42_HUMAN	50.4	10.2	1	32.6 (M:32.6)	1	3.5	1.66	923		
EWS_HUMAN	68.4	9.7	1	32.5 (M:32.5)	1	1.4	1.05	924	0.98	1
HNRPQ_HUMAN	69.6	9.1	1	32.5 (M:32.5)	1	1.4	704.35	925	0.82	1
UGDH_HUMAN	55.0	6.9	1	32.4 (M:32.4)	1	1.2	0.47	926	0.91	1
rndTF3C3_HUMAN	101.2	4.8	1	32.4 (M:32.4)	1	1.1	876.09	927		
RL18_HUMAN	21.6	12.3	1	32.1 (M:32.1)	1	6.9	0.87	928	0.83	1
SMRC1_HUMAN	122.8	5.4	1	32.0 (M:32.0)	1	0.8	723.35	929	1.23	1
QCR6_HUMAN	10.7	4.2	1	32.0 (M:32.0)	1	19.8	3.32	930		
OXSR1_HUMAN	58.0	6.0	1	31.9 (M:31.9)	1	3.6	1.43	931		
LIMC1_HUMAN	121.8	6.1	1	31.7 (M:31.7)	1	1.1	0.71	932		
SRRM1_HUMAN	102.3	12.3	1	31.7 (M:31.7)	1	0.7	8.07	933	2.28	1
SORCN_HUMAN	21.7	5.2	1	31.7 (M:31.7)	1	5.6	2.89	934	0.81	1
SRP14_HUMAN	14.6	10.6	1	31.7 (M:31.7)	1	5.9	1.39	935		
HNRPD_HUMAN	38.4	8.5	1	31.5 (M:31.5)	1	2.0	4.51	936		
COMT_HUMAN	30.0	5.2	1	31.5 (M:31.5)	1	3.0	2.24	937	0.93	1
APOC1_HUMAN	9.3	9.3	1	31.4 (M:31.4)	1	10.8	0.54	938	1.71	1
LV403_HUMAN	11.5	6.9	1	31.4 (M:31.4)	1	17.8	1.08	939	2.05	1
SEP15_HUMAN	17.8	4.8	1	31.3 (M:31.3)	1	9.9	1.91	940		
FBLI1_HUMAN	40.6	5.7	1	31.2 (M:31.2)	1	2.4	4.14	941	0.94	1
SAE1_HUMAN	38.4	5.0	1	31.2 (M:31.2)	1	3.5	2.45	942	1.07	1
rndRBM47_HUMAN	64.0	8.4	1	31.2 (M:31.2)	1	1.9	2.12	943	1.53	1
PURA2_HUMAN	50.1	6.1	1	31.1 (M:31.1)	1	4.6	253.10	944		
ACOT9_HUMAN	49.9	9.6	1	31.1 (M:31.1)	1	3.9	513.27	945		
TCP4_HUMAN	14.4	10.1	1	31.1 (M:31.1)	1	7.1	3.31	946	0.55	1
RHOA_HUMAN	21.8	5.8	2	31.1 (M:31.1)	1	4.1	0.72	947	0.83	1

TNNT1_HUMAN	32.9	5.8	1	31.0 (M:31.0)	1	2.2	13.96	948	4.93	1
HEBP2_HUMAN	22.9	4.4	1	31.0 (M:31.0)	1	7.3	0.21	949	3.07	1
TM9S2_HUMAN	75.7	7.8	1	30.9 (M:30.9)	1	2.6	0.03	950		
BASP1_HUMAN	22.7	4.5	1	30.9 (M:30.9)	1	5.7	2.63	951	1.44	1
C1QB_HUMAN	26.4	9.6	1	30.8 (M:30.8)	1	2.8	1.20	952	0.01	1
TBCB_HUMAN	27.3	4.9	1	30.8 (M:30.8)	1	4.5	0.09	953		
CSN4_HUMAN	46.2	5.5	1	30.7 (M:30.7)	1	4.2	495.38	954		
MYOC_HUMAN	56.9	5.3	1	30.6 (M:30.6)	1	2.2	0.48	955		
CANB1_HUMAN	19.3	4.5	1	30.4 (M:30.4)	1	5.9	2.83	956	0.94	1
ILK_HUMAN	51.4	9.3	1	30.4 (M:30.4)	1	2.0	4.44	957		
EXOS7_HUMAN	31.8	4.9	1	30.3 (M:30.3)	1	5.2	1.37	958		
rndBRD3_HUMA	79.5	9.9	1	30.3 (M:30.3)	1	1.4	8.34	959		
SYG_HUMAN	83.1	6.7	1	30.3 (M:30.3)	1	1.1	0.02	960	0.81	1
rndSCN3A_HUM	226.1	5.5	1	30.1 (M:30.1)	1	0.4	11.29	961	1.95	1
rndAPBA2_HUM	82.5	4.6	1	30.1 (M:30.1)	1	0.8	1.46	962	1.70	1
CDC37_HUMAN	44.4	5.0	1	30.1 (M:30.1)	1	2.4	0.19	963	1.10	1
rndGPAA1_HUM	67.6	9.0	1	30.1 (M:30.1)	1	1.3	1133.73	964		
rndCLRN1_HUM	25.7	9.8	1	30.0 (M:30.0)	1	2.6	1309.01	965		
rndMCM10_HUM	98.1	9.8	1	30.0 (M:30.0)	1	1.1	7.01	966		
rndS14L1_HUM	81.2	6.1	1	30.0 (M:30.0)	1	1.0	972.26	967		
ELOV1_HUMAN	32.6	10.0	1	29.9 (M:29.9)	1	4.7	1.29	968		
DHX15_HUMAN	90.9	7.4	1	29.9 (M:29.9)	1	1.6	0.97	969		
rndPLXB2_HUM	205.0	5.8	1	29.8 (M:29.8)	1	0.3	2.09	970	1.89	1
rndZN37A_HUM	65.4	9.5	1	29.7 (M:29.7)	1	1.6	0.29	971		
GDIR2_HUMAN	23.0	4.9	1	29.7 (M:29.7)	1	4.0	0.22	972		
RNF5_HUMAN	19.9	6.2	1	29.7 (M:29.7)	1	8.3	3.31	973		
ASSY_HUMAN	46.5	8.9	1	29.6 (M:29.6)	1	1.9	0.06	974	0.05	1
SNX27_HUMAN	61.2	6.1	1	29.5 (M:29.5)	1	4.4	345.23	975		
rndSNX13_HUM	112.1	6.1	1	29.4 (M:29.4)	1	0.7	0.81	976	1.21	1
rndF181A_HUM	38.7	10.5	1	29.3 (M:29.3)	1	1.7	1097.68	977	1.03	1
COTL1_HUMAN	15.9	5.4	1	29.3 (M:29.3)	1	5.6	2.08	978	1.53	1
rndHNRPQ_HUM	69.6	9.1	1	29.3 (M:29.3)	1	1.0	0.38	979	1.37	1
rndTACD2_HUM	35.7	10.2	3	29.3 (M:29.3)	1	1.9	9.21	980	1.16	1
ECHB_HUMAN	51.3	10.0	1	29.3 (M:29.3)	1	1.7	2.77	981		
rndZN429_HUM	78.1	10.4	1	29.2 (M:29.2)	1	1.3	822.23	982	1.20	1
rndMRP5_HUM	160.6	9.6	1	29.2 (M:29.2)	1	0.5	843.74	983	1.32	1
rndZN211_HUM	64.5	10.1	1	29.1 (M:29.1)	1	1.6	4.17	984		
rndDNAI1_HUM	79.2	6.4	1	29.0 (M:29.0)	1	1.0	1307.97	985		

rndHXC8_HUMA	27.7	6.6	1	29.0 (M:29.0)	1	3.3	1.54	986	1.69	1
rndACSL3_HUM	80.4	9.4	1	28.9 (M:28.9)	1	1.7	679.56	987		
RUSD4_HUMAN	42.2	10.7	1	28.9 (M:28.9)	1	2.9	11.03	988		
rndKIN17_HUM	45.3	9.7	1	28.8 (M:28.8)	1	3.6	555.84	989	1.55	1
rndAFAD_HUMA	206.7	6.0	1	28.8 (M:28.8)	1	0.4	923.55	990		
rndCPSM_HUM	164.8	6.3	1	28.8 (M:28.8)	1	0.5	6.99	991		
rndHDGF_HUM	26.8	4.6	1	28.8 (M:28.8)	1	2.5	10.88	992	3.06	1
PALLD_HUMAN	150.4	6.7	1	28.8 (M:28.8)	1	0.7	1.66	993	0.50	1
ECHA_HUMAN	82.9	9.8	1	28.7 (M:28.7)	1	1.2	3.10	994	0.94	1
SC23A_HUMAN	86.1	6.7	2	28.7 (M:28.7)	1	1.8	5.00	995		
C1QT3_HUMAN	27.0	6.1	1	28.6 (M:28.6)	1	2.8	1.49	996	0.70	1
rndMLL4_HUMA	293.3	9.7	1	28.6 (M:28.6)	1	0.4	716.70	997	1.78	1
CHM1A_HUMAN	21.7	9.0	1	28.6 (M:28.6)	1	4.6	0.53	998		
rndPSME4_HUM	211.2	6.5	1	28.5 (M:28.5)	1	0.3	1.20	999	1.20	1
STT3B_HUMAN	93.6	9.6	1	28.5 (M:28.5)	1	1.1	1.19	1000	0.76	1
PRDX3_HUMAN	27.7	8.9	1	28.4 (M:28.4)	1	2.7	2.80	1001	1.00	1
TNIP3_HUMAN	38.9	8.7	1	28.4 (M:28.4)	1	1.8	2.28	1002		
CF058_HUMAN	37.9	5.7	1	28.4 (M:28.4)	1	3.0	7.19	1003	1.32	1
PLOD2_HUMAN	84.6	6.2	1	28.2 (M:28.2)	1	2.6	420.88	1004		
LY75_HUMAN	198.2	6.2	1	28.2 (M:28.2)	1	0.3	4.89	1005	1.78	1
rndF198A_HUM	63.6	9.0	1	28.2 (M:28.2)	1	2.3	705.65	1006		
MFS10_HUMAN	48.3	10.5	1	28.1 (M:28.1)	1	2.9	2.17	1007		
DNS2A_HUMAN	39.6	9.2	1	28.1 (M:28.1)	1	3.3	0.98	1008		
PJA1_HUMAN	71.0	4.9	2	28.1 (M:28.1)	1	0.8	2.30	1009	0.69	1
HIG1A_HUMAN	10.1	10.1	1	28.1 (M:28.1)	1	19.4	0.79	1010		
rndCCD65_HUM	57.3	7.1	1	28.1 (M:28.1)	1	2.3	628.15	1011		
PYR5_HUMAN	52.2	7.0	1	28.0 (M:28.0)	1	1.9	840.26	1012	0.74	1
BST1_HUMAN	35.7	9.1	1	27.9 (M:27.9)	1	2.2	1.15	1013		
SRCRL_HUMAN	115.7	6.1	1	27.9 (M:27.9)	1	0.7	1.97	1014	1.57	1
FA55C_HUMAN	63.8	9.8	1	27.9 (M:27.9)	1	1.1	0.65	1015	2.53	1
rndYE032_HUM	16.4	9.7	1	27.8 (M:27.8)	1	5.4	7.36	1016	1.88	1
rndRPF1_HUMA	140.1	10.5	1	27.8 (M:27.8)	1	1.7	1.80	1017		
TBCC_HUMAN	39.2	5.4	1	27.7 (M:27.7)	1	4.3	2.08	1018		
rndCNGA3_HUM	78.8	8.4	1	27.7 (M:27.7)	1	1.2	4.42	1019		
CN37_HUMAN	47.5	9.8	1	27.6 (M:27.6)	1	3.3	554.60	1020		
rndDRD4_HUMA	48.3	11.1	1	27.6 (M:27.6)	1	1.3	13.53	1021	1.56	1
MCM8_HUMAN	93.6	8.7	1	27.6 (M:27.6)	1	0.8	0.84	1022	1.85	1
GRN_HUMAN	63.5	6.5	1	27.5 (M:27.5)	1	1.7	0.11	1023	1.24	1

AHSA1_HUMAN	38.3	5.3	1	27.5 (M:27.5)	1	2.7	2.49	1024	0.83	1
PSD13_HUMAN	42.9	5.5	1	27.4 (M:27.4)	1	2.7	2.56	1025	0.66	1
ADRM1_HUMAN	42.1	4.8	1	27.4 (M:27.4)	1	2.0	1.37	1026	0.97	1
JAG1_HUMAN	133.7	5.7	1	27.4 (M:27.4)	1	0.7	0.10	1027		
rndCN166_HUM	28.1	6.2	3	27.3 (M:27.3)	1	2.0	0.10	1028	0.92	1
U2AF2_HUMAN	53.5	9.8	1	27.3 (M:27.3)	1	1.7	4.76	1029		
rndPK1L1_HUM	315.2	6.7	1	27.2 (M:27.2)	1	0.3	2.51	1030		
A2AP_HUMAN	54.5	5.9	1	27.1 (M:27.1)	1	1.4	2.19	1031	1.56	1
GRHPR_HUMAN	35.6	7.9	1	27.0 (M:27.0)	1	5.5	0.10	1032		
PDIA5_HUMAN	59.6	8.9	1	27.0 (M:27.0)	1	1.5	14.02	1033	1.03	1
LIS1_HUMAN	46.6	7.2	1	26.9 (M:26.9)	1	1.7	0.34	1034	0.78	1
SNX6_HUMAN	46.6	5.8	1	26.9 (M:26.9)	1	1.7	1.30	1035	0.88	1
RHG09_HUMAN	83.2	9.6	1	26.8 (M:26.8)	1	1.2	5.50	1036		
COPB_HUMAN	107.1	5.7	1	26.8 (M:26.8)	1	1.0	6.01	1037	1.17	1
NDK8_HUMAN	15.5	9.6	2	26.8 (M:26.8)	1	7.3	4.24	1038		
TTC37_HUMAN	175.4	8.1	1	26.8 (M:26.8)	1	0.4	1004.04	1039	1.01	1
HSB11_HUMAN	16.3	4.8	1	26.8 (M:26.8)	1	7.6	1.51	1040		
rndVPS16_HUM	94.6	6.3	1	26.7 (M:26.7)	1	0.8	14.52	1041		
CX7A2_HUMAN	9.4	10.1	1	26.7 (M:26.7)	1	15.7	2.98	1042		
HNRH3_HUMAN	36.9	6.4	1	26.6 (M:26.6)	1	2.9	3.55	1043	1.14	1
UBP13_HUMAN	97.3	5.2	1	26.6 (M:26.6)	1	2.0	14.37	1044		
rndTULP4_HUM	168.9	8.3	1	26.6 (M:26.6)	1	0.8	619.42	1045	0.58	1
rndARF5_HUMA	20.5	6.4	1	26.5 (M:26.5)	1	5.6	908.54	1046		
RL13_HUMAN	24.2	12.2	1	26.4 (M:26.4)	1	3.3	1.36	1047	1.20	1
PSAL_HUMAN	53.7	5.0	2	26.4 (M:26.4)	1	1.9	6.74	1048	0.69	1
rndO12D3_HUM	35.8	9.9	1	26.4 (M:26.4)	1	2.8	789.42	1049	0.74	1
MAP1B_HUMAN	270.5	4.6	1	26.4 (M:26.4)	1	0.3	1.90	1050	1.13	1
ITAV_HUMAN	116.0	5.3	1	26.3 (M:26.3)	1	1.0	0.06	1051	1.12	1
ENDD1_HUMAN	55.0	5.4	1	26.3 (M:26.3)	1	2.2	7.30	1052		
rndROA2_HUMA	37.4	9.3	1	26.3 (M:26.3)	1	2.8	13.38	1053	1.67	1
TXD17_HUMAN	13.9	5.3	1	26.2 (M:26.2)	1	7.3	1.78	1054	1.99	1
CP080_HUMAN	22.8	10.3	1	26.2 (M:26.2)	1	4.7	812.46	1055	1.34	1
S12A5_HUMAN	126.1	6.3	1	26.1 (M:26.1)	1	0.6	11.72	1056		
HNRPG_HUMAN	42.3	0.0	2	26.1 (M:26.1)	1	2.0	1.97	1057		
GPC5_HUMAN	63.7	6.4	1	26.1 (M:26.1)	1	1.9	687.60	1058	1.41	1
H12_HUMAN	21.4	11.4	1	26.0 (M:26.0)	1	7.5	1.17	1059	0.88	1
CD63_HUMAN	25.6	9.5	1	26.0 (M:26.0)	1	4.2	707.00	1060	1.43	1
SYAC_HUMAN	106.7	5.2	1	26.0 (M:26.0)	1	0.9	0.17	1061	1.09	1

CAZA1_HUMAN	32.9	5.4	1	26.0 (M:26.0)	1	5.6	1.09	1062	0.82	1
rndANO1_HUMAN	114.0	9.4	1	25.9 (M:25.9)	1	1.6	8.57	1063	1.21	1
rndCBPN_HUMAN	52.3	7.0	1	25.9 (M:25.9)	1	1.3	14.13	1064		
rndZN347_HUMAN	95.7	10.3	1	25.9 (M:25.9)	1	1.2	14.84	1065	0.60	1
rndSPDEF_HUMAN	37.5	5.9	1	25.9 (M:25.9)	1	1.8	0.09	1066	0.97	1
PARP1_HUMAN	113.0	9.6	1	25.9 (M:25.9)	1	1.0	2.38	1067		
DNJB6_HUMAN	36.1	9.7	1	25.8 (M:25.8)	1	3.4	739.66	1068		
rndRAVR1_HUMAN	63.8	9.7	1	25.8 (M:25.8)	1	2.0	14.09	1069		
CBPA4_HUMAN	47.3	6.2	1	25.8 (M:25.8)	1	2.4	730.09	1070	1.20	1
BORG4_HUMAN	38.0	4.9	1	25.8 (M:25.8)	1	4.5	2.50	1071		
NEDD8_HUMAN	9.1	9.1	2	25.8 (M:25.8)	1	7.4	3.14	1072		
TX1B3_HUMAN	13.7	9.2	1	25.7 (M:25.7)	1	13.7	0.43	1073		
UBC9_HUMAN	18.0	9.7	1	25.7 (M:25.7)	1	5.7	3.89	1074	0.56	1
TIGD7_HUMAN	63.2	9.6	1	25.6 (M:25.6)	1	1.1	1288.12	1075	0.74	1
GMCL1_HUMAN	58.6	8.5	1	25.6 (M:25.6)	1	3.1	4.40	1076		
OFUT2_HUMAN	49.9	6.2	1	25.6 (M:25.6)	1	1.6	4.50	1077	0.95	1
MAGC2_HUMAN	41.1	4.1	1	25.5 (M:25.5)	1	2.4	14.87	1078		
rndRB15B_HUMAN	97.1	10.3	1	25.5 (M:25.5)	1	0.8	1028.63	1079	3.26	1
FBLN3_HUMAN	54.6	4.8	1	25.5 (M:25.5)	1	1.8	1.35	1080		
FA59A_HUMAN	97.1	6.3	1	25.5 (M:25.5)	1	1.0	14.24	1081		
LZIC_HUMAN	21.5	4.7	1	25.5 (M:25.5)	1	4.2	0.64	1082	0.99	1
RHOG_HUMAN	21.3	9.5	1	25.4 (M:25.4)	1	8.9	5.00	1083		
AL3A2_HUMAN	54.8	8.9	1	25.4 (M:25.4)	1	1.6	3.79	1084		
rndDSG1_HUMAN	113.6	4.8	1	25.3 (M:25.3)	1	0.7	1.88	1085	0.48	1
rndSELH_HUMAN	13.5	10.3	2	25.3 (M:25.3)	1	4.9	7.56	1086		
rndTNNT2_HUMAN	35.9	4.8	1	25.3 (M:25.3)	1	3.7	9.10	1087		
rndCDKL3_HUMAN	67.5	9.9	1	25.3 (M:25.3)	1	1.0	4.49	1088	1.96	1
LC7L2_HUMAN	46.5	10.8	1	25.3 (M:25.3)	1	1.8	0.92	1089	0.83	1
THBG_HUMAN	46.3	5.9	1	25.3 (M:25.3)	1	1.9	1.76	1090	1.12	1
SHAN2_HUMAN	158.7	6.5	1	25.3 (M:25.3)	1	0.5	1434.91	1091		
TWF1_HUMAN	40.3	6.5	1	25.3 (M:25.3)	1	2.3	3.82	1092	1.02	1
rndZSWM3_HUMAN	79.4	7.9	1	25.2 (M:25.2)	1	1.6	1.12	1093	0.94	1
rndPIGT_HUMAN	65.7	9.4	1	25.2 (M:25.2)	1	1.2	4.85	1094	1.37	1
TM9S3_HUMAN	67.8	7.0	1	25.1 (M:25.1)	1	1.4	1.97	1095	1.07	1
rndHMMR_HUMAN	84.0	5.6	1	25.1 (M:25.1)	1	1.0	1.74	1096	0.90	1
CRTAP_HUMAN	46.5	5.4	1	25.1 (M:25.1)	1	1.7	5.57	1097	0.44	1
rndITB4_HUMAN	202.0	5.7	1	25.1 (M:25.1)	1	0.5	5.94	1098	1.66	1
SFRP4_HUMAN	39.8	10.3	1	25.1 (M:25.1)	1	2.0	2.69	1099	0.81	1

rndADCK4_HUM	60.0	7.0	1	25.1 (M:25.1)	1	1.5	930.10	1100	1.19	1
rndOGFR_HUM	73.3	4.6	1	25.1 (M:25.1)	1	0.9	1335.19	1101		
ARL8B_HUMAN	21.5	9.6	1	25.0 (M:25.0)	1	4.8	1.24	1102	0.72	1
LEG7_HUMAN	15.1	8.0	1	25.0 (M:25.0)	1	6.6	2.11	1103	1.44	1
rndCEA20_HUM	64.5	5.5	1	25.0 (M:25.0)	1	2.1	4.93	1104	1.25	1
TAF6_HUMAN	72.6	9.6	1	25.0 (M:25.0)	1	0.9	964.45	1105	1.76	1
B3GT5_HUMAN	36.2	9.8	1	25.0 (M:25.0)	1	2.3	1.33	1106	1.41	1
GBB1_HUMAN	37.4	5.6	1	25.0 (M:25.0)	1	5.3	2.08	1107		
rndRUFY2_HUM	75.0	6.1	1	25.0 (M:25.0)	1	0.9	3.52	1108	1.15	1
KCY_HUMAN	22.2	5.3	1	24.9 (M:24.9)	1	6.6	1.40	1109	0.78	1
KHDR1_HUMAN	48.2	9.2	1	24.9 (M:24.9)	1	2.9	5.77	1110		
rndKLDC4_HUM	57.9	5.4	1	24.9 (M:24.9)	1	1.3	12.07	1111	0.93	1
NOMO3_HUMAN	134.1	5.4	3	24.9 (M:24.9)	1	0.5	2.08	1112	0.68	1
rndERG24_HUM	46.4	9.7	1	24.8 (M:24.8)	1	1.2	8.54	1113		
ADCY6_HUMAN	130.5	9.5	2	24.8 (M:24.8)	1	0.8	8.19	1114	1.28	1
rndCF170_HUM	144.7	6.4	1	24.8 (M:24.8)	1	0.7	7.69	1115		
rndMYH15_HUM	224.5	5.6	1	24.8 (M:24.8)	1	1.1	415.61	1116	1.57	1
PIGEH_HUMAN	97.7	6.4	1	24.8 (M:24.8)	1	0.8	947.64	1117	0.70	1
MK01_HUMAN	41.4	6.6	1	24.7 (M:24.7)	1	1.9	0.19	1118	1.09	1
PKHA5_HUMAN	127.4	7.4	1	24.7 (M:24.7)	1	1.2	6.39	1119		
LRC47_HUMAN	63.4	9.5	1	24.7 (M:24.7)	1	1.4	2.09	1120	0.56	1
NFASC_HUMAN	149.9	6.2	1	24.7 (M:24.7)	1	0.6	3.78	1121	1.25	1
KITM_HUMAN	31.0	9.6	1	24.7 (M:24.7)	1	2.6	1011.78	1122		
SHSA6_HUMAN	55.7	10.1	1	24.7 (M:24.7)	1	2.0	11.28	1123		
HS105_HUMAN	96.8	5.1	1	24.6 (M:24.6)	1	1.0	0.20	1124	1.38	1
rndIF2M_HUM	81.3	6.8	1	24.6 (M:24.6)	1	1.2	13.77	1125		
CAC1D_HUMAN	245.0	6.3	1	24.6 (M:24.6)	1	0.3	7.07	1126	1.35	1
rndYQ006_HUM	75.0	8.4	1	24.5 (M:24.5)	1	1.2	5.14	1127	0.54	1
rndF186A_HUM	262.6	9.2	1	24.4 (M:24.4)	1	0.4	832.33	1128	1.35	1
rndUNC80_HUM	363.2	6.4	1	24.4 (M:24.4)	1	0.2	1263.94	1129		
ADRO_HUMAN	53.8	9.6	1	24.3 (M:24.3)	1	1.6	1.60	1130	0.80	1
NEB2_HUMAN	89.1	4.8	1	24.3 (M:24.3)	1	2.6	1.00	1131		
rndNCOR1_HUM	270.0	6.7	1	24.3 (M:24.3)	1	0.3	1.53	1132	1.33	1
rndTM114_HUM	24.2	5.9	1	24.3 (M:24.3)	1	6.3	565.62	1133		
rndPKP2_HUM	97.3	9.9	1	24.3 (M:24.3)	1	0.9	3.70	1134		
PDXK_HUMAN	35.1	5.7	1	24.3 (M:24.3)	1	2.9	929.46	1135		
rndZN716_HUM	55.7	10.3	1	24.2 (M:24.2)	1	1.7	996.19	1136		
rndSGK1_HUM	48.9	9.4	1	24.1 (M:24.1)	1	1.9	13.11	1137		

rndAT2A1_HUM	110.2	4.9	1	24.1 (M:24.1)	1	0.7	3.91	1138		
ITIH5_HUMAN	104.5	9.2	1	24.1 (M:24.1)	1	0.7	5.21	1139	1.77	1
rndSMC2_HUMAN	135.6	9.1	1	24.1 (M:24.1)	1	0.6	974.64	1140	1.07	1
NCOA1_HUMAN	156.7	5.8	1	24.1 (M:24.1)	1	0.6	828.62	1141	1.29	1
ERF3A_HUMAN	55.7	5.3	1	24.0 (M:24.0)	1	2.0	7.32	1142		
YB045_HUMAN	42.0	6.7	1	24.0 (M:24.0)	1	3.3	709.84	1143		
rndM4A10_HUMAN	29.7	10.0	1	24.0 (M:24.0)	1	2.6	12.62	1144	1.17	1
CDK9_HUMAN	42.8	9.7	1	23.9 (M:23.9)	1	1.9	1144.97	1145		
TIM10_HUMAN	10.3	5.9	1	23.9 (M:23.9)	1	21.1	456.95	1146		
GMFB_HUMAN	16.7	5.1	1	23.9 (M:23.9)	1	7.7	0.88	1147		
COMP_HUMAN	82.8	4.2	1	23.9 (M:23.9)	1	1.3	3.27	1148		
SCAPE_HUMAN	158.1	7.5	1	23.8 (M:23.8)	1	0.4	1186.85	1149	1.39	1
RRS1_HUMAN	41.2	11.2	1	23.8 (M:23.8)	1	3.3	0.75	1150		
MAGI2_HUMAN	158.7	5.9	1	23.8 (M:23.8)	1	1.0	12.23	1151		
rndTRS85_HUMAN	160.8	6.4	1	23.8 (M:23.8)	1	0.8	775.72	1152		
NEST_HUMAN	177.3	4.2	1	23.8 (M:23.8)	1	0.8	0.56	1153		
rndPAL4B_HUMAN	18.2	10.1	1	23.8 (M:23.8)	1	4.3	10.14	1154	1.03	1
HABP2_HUMAN	62.6	6.1	1	23.8 (M:23.8)	1	1.6	0.71	1155	1.14	1
EGFLA_HUMAN	111.2	7.9	1	23.7 (M:23.7)	1	0.9	0.21	1156	1.28	1
PAK2_HUMAN	58.0	5.6	1	23.7 (M:23.7)	1	2.5	7.89	1157	0.89	1
rndRHG19_HUMAN	55.7	10.0	1	23.7 (M:23.7)	1	1.2	1063.74	1158		
rndGSTCD_HUMAN	71.0	9.2	1	23.7 (M:23.7)	1	1.1	1323.93	1159		
GDN_HUMAN	44.0	10.0	1	23.7 (M:23.7)	1	2.3	3.93	1160	2.14	1
rndCXXC1_HUMAN	75.7	9.8	1	23.7 (M:23.7)	1	0.9	10.44	1161	1.34	1
rndZN536_HUMAN	141.3	6.9	1	23.7 (M:23.7)	1	0.7	12.65	1162	1.13	1
RL7_HUMAN	29.2	11.1	1	23.7 (M:23.7)	1	4.0	1.02	1163	0.84	1
YS017_HUMAN	22.0	11.3	1	23.6 (M:23.6)	0	3.4	1.38	1164		
rndTLK1_HUMAN	86.6	9.5	1	23.6 (M:23.6)	1	1.6	7.50	1165	1.30	1
rndMYO10_HUMAN	237.2	5.8	1	23.6 (M:23.6)	1	0.5	3.73	1166		
rndNOL8_HUMAN	131.5	6.7	1	23.6 (M:23.6)	1	0.5	0.26	1167	1.01	1
GLOD4_HUMAN	34.8	5.3	1	23.6 (M:23.6)	1	2.2	3.15	1168	0.96	1
rndAT5G2_HUMAN	14.6	10.3	1	23.6 (M:23.6)	1	4.3	1612.98	1169		
rndLS14B_HUMAN	42.0	10.2	1	23.6 (M:23.6)	1	2.1	9.03	1170	1.31	1
rndCACB4_HUMAN	58.1	9.9	1	23.6 (M:23.6)	1	1.7	819.06	1171	1.41	1
AN32E_HUMAN	30.7	3.6	1	23.6 (M:23.6)	1	4.5	0.03	1172	0.79	1
rndPMM2_HUMAN	28.1	6.4	1	23.5 (M:23.5)	1	2.8	1.17	1173	1.50	1
rndZN395_HUMAN	54.9	7.9	1	23.5 (M:23.5)	1	1.6	9.33	1174		
ACY1_HUMAN	45.9	5.7	1	23.5 (M:23.5)	1	5.6	4.51	1175		

rndS12A1_HUMAN	121.4	7.7	1	23.5 (M:23.5)	1	0.5	10.27	1176	0.79	1
MYT1_HUMAN	122.3	4.7	2	23.5 (M:23.5)	1	0.8	3.77	1177	1.77	1
CSK2B_HUMAN	24.9	5.2	1	23.4 (M:23.4)	1	3.7	0.99	1178		
FA22G_HUMAN	79.0	9.5	2	23.4 (M:23.4)	1	0.9	5.07	1179		
UCK2_HUMAN	29.3	6.3	1	23.4 (M:23.4)	1	2.3	12.15	1180	0.65	1
rndDCR1C_HUMAN	78.4	5.6	1	23.4 (M:23.4)	1	0.9	1310.99	1181		
ERH_HUMAN	12.3	5.6	1	23.4 (M:23.4)	1	10.6	3.62	1182		
rndCHD1_HUMAN	196.6	6.7	1	23.4 (M:23.4)	1	0.4	1179.70	1183		
RL8_HUMAN	28.0	11.9	1	23.4 (M:23.4)	1	3.1	1.64	1184		
rndO11G2_HUMAN	38.8	10.6	1	23.3 (M:23.3)	1	4.3	567.53	1185		
rndMRCKB_HUMAN	194.2	5.9	1	23.3 (M:23.3)	1	0.9	9.76	1186		
NIBL2_HUMAN	77.4	10.3	1	23.3 (M:23.3)	1	1.7	10.74	1187	0.75	1
HPLN1_HUMAN	40.1	7.8	1	23.3 (M:23.3)	1	2.5	1018.30	1188		
rndTHOC2_HUMAN	182.7	9.4	1	23.3 (M:23.3)	1	0.4	2.07	1189	1.65	1
rndDYHC2_HUMAN	492.3	6.1	1	23.3 (M:23.3)	1	0.3	11.74	1190	0.88	1
MTAP_HUMAN	31.2	6.9	1	23.3 (M:23.3)	1	3.5	1.56	1191		
PEPD_HUMAN	54.5	5.6	1	23.2 (M:23.2)	1	1.4	2.14	1192	0.70	1
LSM7_HUMAN	11.6	5.0	1	23.2 (M:23.2)	1	25.2	252.46	1193		
TXD12_HUMAN	19.2	5.1	1	23.2 (M:23.2)	1	5.2	2.51	1194	0.86	1
IL18_HUMAN	22.3	4.4	1	23.2 (M:23.2)	1	2.6	4.83	1195	1.49	1
EFTU_HUMAN	49.5	7.9	1	23.2 (M:23.2)	1	2.2	0.29	1196		
rndSLN11_HUMAN	102.8	8.8	1	23.2 (M:23.2)	1	0.9	11.91	1197		
rndSYGP1_HUMAN	148.2	9.8	1	23.2 (M:23.2)	1	0.7	745.04	1198	1.29	1
LMAN1_HUMAN	57.5	6.3	1	23.1 (M:23.1)	1	1.6	3.91	1199	0.67	1
rndGIN1_HUMAN	59.8	8.8	1	23.1 (M:23.1)	1	1.7	2.48	1200		
NOC2L_HUMAN	84.9	5.3	1	23.1 (M:23.1)	1	0.8	3.98	1201	1.25	1
2DRA_HUMAN	28.6	4.8	1	23.1 (M:23.1)	1	2.4	3.11	1202	0.77	1
CD59_HUMAN	14.2	6.1	1	23.1 (M:23.1)	1	6.2	0.43	1203	1.70	1
rndHERC5_HUMAN	116.8	8.6	1	23.0 (M:23.0)	1	0.6	1125.61	1204	1.30	1
rndDYN3_HUMAN	97.7	9.2	1	23.0 (M:23.0)	1	1.3	718.80	1205		
TMM62_HUMAN	73.1	9.9	1	23.0 (M:23.0)	1	0.9	3.32	1206	1.75	1
S100B_HUMAN	10.7	4.4	1	22.9 (M:22.9)	1	7.6	5.06	1207	1.63	1
RAP1B_HUMAN	20.8	5.5	2	22.9 (M:22.9)	1	6.0	3.50	1208		
NAGT1_HUMAN	56.2	5.2	1	22.9 (M:22.9)	1	1.5	2.08	1209	1.85	1
PSMD3_HUMAN	60.9	9.0	1	22.8 (M:22.8)	1	1.9	3.00	1210	1.86	1
rndCH60_HUMAN	61.0	5.6	1	22.8 (M:22.8)	1	1.4	0.81	1211	1.60	1
rndCAC1D_HUMAN	245.0	6.3	1	22.8 (M:22.8)	1	0.3	10.45	1212	1.41	1
HV209_HUMAN	16.2	9.3	1	22.8 (M:22.8)	1	6.2	2.00	1213	1.39	1

L2HDH_HUMAN	50.3	9.4	1	22.8 (M:22.8)	1	1.9	1.72	1214	0.72	1
APOA_HUMAN	501.0	5.5	1	22.8 (M:22.8)	1	0.2	2.78	1215	2.43	1
UTP23_HUMAN	28.4	10.9	1	22.7 (M:22.7)	1	4.4	13.05	1216	1.34	1
WDR76_HUMAN	69.7	10.1	1	22.7 (M:22.7)	1	1.6	929.66	1217		
IGJ_HUMAN	18.1	5.0	1	22.7 (M:22.7)	1	4.4	3.88	1218	1.72	1
DNJC8_HUMAN	29.8	9.5	1	22.7 (M:22.7)	1	3.2	3.07	1219	1.14	1
rndTIGD4_HUMAN	57.4	6.0	1	22.7 (M:22.7)	1	1.4	1076.56	1220	1.18	1
CEI_HUMAN	15.1	12.3	1	22.7 (M:22.7)	1	5.1	0.07	1221		
PSB1_HUMAN	26.5	9.1	1	22.7 (M:22.7)	1	3.7	1.52	1222	0.68	1
ATE1_HUMAN	59.1	9.0	1	22.6 (M:22.6)	1	1.4	7.34	1223	1.60	1
ASB9_HUMAN	31.8	6.5	1	22.6 (M:22.6)	1	4.1	667.56	1224	1.64	1
rndUBP13_HUMAN	97.3	5.2	1	22.6 (M:22.6)	1	0.8	12.13	1225	1.50	1
rndFINC_HUMAN	262.4	5.4	1	22.6 (M:22.6)	1	0.4	10.08	1226		
rndDYRK4_HUMAN	59.6	9.7	1	22.5 (M:22.5)	1	1.7	2.57	1227	3.02	1
SF3B3_HUMAN	135.5	5.0	1	22.5 (M:22.5)	1	0.7	1.50	1228	0.83	1
rndCYBP_HUMAN	26.2	9.1	1	22.5 (M:22.5)	1	3.1	11.73	1229		
CAB45_HUMAN	41.8	4.6	1	22.5 (M:22.5)	1	3.3	4.03	1230		
rndDAPP1_HUMAN	32.2	8.8	1	22.4 (M:22.4)	1	3.2	891.82	1231		
CLRN3_HUMAN	25.3	9.7	1	22.4 (M:22.4)	1	6.2	1.84	1232		
CLIC3_HUMAN	26.6	6.0	1	22.4 (M:22.4)	1	3.8	3.60	1233	1.42	1
rndARFG3_HUMAN	56.9	7.7	1	22.4 (M:22.4)	1	1.2	0.48	1234	0.99	1
rnd4ET_HUMAN	108.1	9.2	1	22.4 (M:22.4)	1	1.2	718.37	1235		
rndPANX1_HUMAN	48.0	5.8	1	22.4 (M:22.4)	1	2.1	12.13	1236	1.43	1
rndVWA3B_HUMAN	145.6	7.2	1	22.4 (M:22.4)	1	0.6	12.07	1237	0.86	1
rndMYO9B_HUMAN	243.4	9.5	1	22.4 (M:22.4)	1	0.3	1155.96	1238	1.10	1
KV402_HUMAN	12.6	9.0	1	22.3 (M:22.3)	1	15.8	484.61	1239		
TMED3_HUMAN	24.8	5.3	1	22.3 (M:22.3)	1	9.7	0.81	1240		
JAM3_HUMAN	35.0	8.8	1	22.3 (M:22.3)	1	2.6	0.84	1241	1.12	1
NMD3A_HUMAN	125.4	8.0	1	22.3 (M:22.3)	1	0.9	5.71	1242		
SYNJ2_HUMAN	165.4	7.1	1	22.3 (M:22.3)	1	1.1	496.51	1243		
rndITAD_HUMAN	126.8	5.4	1	22.3 (M:22.3)	1	0.8	10.51	1244		
PLA2R_HUMAN	168.5	5.7	1	22.3 (M:22.3)	1	0.7	14.52	1245		
rndSMS_HUMAN	12.7	5.3	1	22.3 (M:22.3)	1	14.7	591.79	1246		
UBP49_HUMAN	79.1	10.4	1	22.2 (M:22.2)	1	1.0	13.92	1247	1.22	1
MBRL_HUMAN	67.8	5.0	1	22.2 (M:22.2)	1	1.3	10.46	1248		
PLP2_HUMAN	16.7	7.7	1	22.2 (M:22.2)	1	8.6	0.46	1249	0.96	1
FKBP7_HUMAN	30.0	6.1	1	22.2 (M:22.2)	1	3.1	0.33	1250	0.80	1
rndNKX61_HUMAN	37.8	9.9	1	22.2 (M:22.2)	1	2.5	12.74	1251	1.42	1

CAYP2_HUMAN	63.8	9.6	1	22.2 (M:22.2)	1	1.1	5.19	1252		
ERP29_HUMAN	29.0	7.5	1	22.2 (M:22.2)	1	3.1	1.41	1253	1.42	1
RPAB3_HUMAN	17.1	4.3	1	22.1 (M:22.1)	1	4.7	3.22	1254	0.91	1
rndAPOL2_HUM	37.1	6.3	1	22.1 (M:22.1)	1	2.7	869.72	1255	1.25	1
rndXRCC1_HUM	69.5	6.0	1	22.1 (M:22.1)	1	1.1	11.96	1256	1.86	1
RSU1_HUMAN	31.5	9.1	1	22.1 (M:22.1)	1	3.2	7.78	1257	1.28	1
PF21B_HUMAN	57.4	10.3	1	22.1 (M:22.1)	1	1.9	814.39	1258	1.12	1
MERL_HUMAN	69.6	6.1	1	22.1 (M:22.1)	1	1.0	10.66	1259	0.32	1
MX1_HUMAN	75.5	5.5	1	22.1 (M:22.1)	1	1.1	4.65	1260	0.83	1
rndTPC2_HUMA	85.2	6.7	1	22.1 (M:22.1)	1	1.5	7.12	1261		
RGSL_HUMAN	125.6	9.8	1	22.1 (M:22.1)	1	1.0	839.93	1262		
CP21A_HUMAN	55.9	8.7	1	22.1 (M:22.1)	1	1.6	3.51	1263	1.01	1
ITA3_HUMAN	118.7	6.5	1	22.1 (M:22.1)	1	0.8	5.78	1264		
SEPT7_HUMAN	50.6	9.4	1	22.0 (M:22.0)	1	1.4	0.07	1265	0.95	1
BC11B_HUMAN	95.5	6.1	1	22.0 (M:22.0)	1	2.2	478.42	1266		
RENT1_HUMAN	124.3	6.2	1	22.0 (M:22.0)	1	0.6	7.52	1267	0.85	1
RNH2C_HUMAN	17.8	4.8	1	22.0 (M:22.0)	1	6.7	13.29	1268		
rnd5HT2C_HUM	51.8	10.1	1	22.0 (M:22.0)	1	4.6	473.22	1269		
WDR91_HUMAN	83.3	6.1	1	22.0 (M:22.0)	1	1.3	688.48	1270	1.27	1
DYH2_HUMAN	507.4	5.9	1	22.0 (M:22.0)	1	0.2	12.63	1271	0.65	1
STOM_HUMAN	31.7	8.9	1	21.9 (M:21.9)	1	4.2	12.22	1272	1.02	1
rndLONP2_HUM	94.6	7.0	1	21.9 (M:21.9)	1	0.8	7.67	1273	1.44	1
rndDDX11_HUM	108.2	7.3	1	21.9 (M:21.9)	1	1.2	841.04	1274		
MICA2_HUMAN	126.6	9.7	1	21.9 (M:21.9)	1	0.6	967.93	1275	1.70	1
CAHD1_HUMAN	142.2	6.0	1	21.9 (M:21.9)	1	1.4	14.12	1276		
MYOM3_HUMAN	162.1	5.8	1	21.9 (M:21.9)	1	0.8	1.67	1277	1.12	1
DPOD1_HUMAN	123.6	6.7	1	21.9 (M:21.9)	1	0.9	9.35	1278		
rndSK2L2_HUM	117.7	6.1	1	21.9 (M:21.9)	1	1.0	860.27	1279		
CNGB1_HUMAN	139.6	4.6	1	21.9 (M:21.9)	1	1.0	718.08	1280		
RGN_HUMAN	33.2	5.9	5	21.9 (M:21.9)	1	1.7	1.30	1281	0.75	1
PVRL4_HUMAN	55.4	5.1	1	21.9 (M:21.9)	1	1.6	3.45	1282	1.19	1
SRPK3_HUMAN	59.0	6.6	1	21.9 (M:21.9)	1	1.5	4.40	1283		
rndBIG1_HUMA	208.6	5.5	1	21.9 (M:21.9)	1	0.4	7.92	1284	1.65	1
CKAP5_HUMAN	225.4	8.8	1	21.9 (M:21.9)	1	0.2	9.46	1285	1.00	1
rndZN707_HUM	42.9	11.4	1	21.8 (M:21.8)	1	1.6	1307.44	1286		
rndPDE3B_HUM	124.3	5.5	1	21.8 (M:21.8)	1	0.9	0.88	1287		
ASHWN_HUMAN	25.8	10.3	1	21.8 (M:21.8)	1	11.2	330.12	1288		
rndSUIS_HUMAN	209.3	5.3	1	21.8 (M:21.8)	1	0.5	11.36	1289		

rndMIME_HUMAN	33.9	5.3	1	21.8 (M:21.8)	1	2.7	10.33	1290		
rndNASP_HUMAN	85.2	4.1	1	21.8 (M:21.8)	1	1.0	0.17	1291	1.58	1
rndZO2_HUMAN	133.9	7.1	1	21.8 (M:21.8)	1	0.7	806.07	1292	0.68	1
DYN3_HUMAN	97.7	9.2	2	21.8 (M:21.8)	1	0.9	1.41	1293	1.13	1
KPBB_HUMAN	124.8	6.5	1	21.8 (M:21.8)	1	1.3	656.91	1294	2.39	1
rndMYOM1_HUMAN	187.5	6.5	1	21.8 (M:21.8)	1	0.5	12.28	1295	1.64	1
rndPDK1_HUMAN	49.2	9.5	1	21.7 (M:21.7)	1	1.8	14.21	1296	1.14	1
AATC_HUMAN	46.2	6.6	1	21.7 (M:21.7)	1	2.7	3.87	1297	1.01	1
rndCP250_HUMAN	281.0	4.9	1	21.7 (M:21.7)	1	0.3	3.27	1298	0.99	1
TDT_HUMAN	58.4	9.4	1	21.7 (M:21.7)	1	2.2	1.82	1299	2.00	1
RN126_HUMAN	35.6	5.4	1	21.6 (M:21.6)	1	2.5	2.45	1300	0.83	1
rndHNRL1_HUMAN	95.7	6.5	1	21.6 (M:21.6)	1	1.4	10.31	1301	0.92	1
PAR14_HUMAN	193.6	9.0	1	21.6 (M:21.6)	1	0.4	6.45	1302		
HCD2_HUMAN	26.9	9.1	1	21.6 (M:21.6)	1	3.8	2.65	1303	0.76	1
rndNB5R1_HUMAN	34.1	9.9	1	21.6 (M:21.6)	1	1.6	8.63	1304		
rndGP162_HUMAN	63.9	9.9	1	21.6 (M:21.6)	1	1.7	11.01	1305	1.00	1
SPTB2_HUMAN	274.4	5.3	1	21.5 (M:21.5)	1	0.3	2.42	1306	0.93	1
rndIRPL1_HUMAN	79.9	5.8	1	21.5 (M:21.5)	1	0.9	3.40	1307	0.94	1
CO6_HUMAN	104.7	6.4	1	21.5 (M:21.5)	1	1.0	3.64	1308	1.87	1
GUC2C_HUMAN	123.3	6.8	1	21.5 (M:21.5)	1	0.6	12.17	1309	1.18	1
DDX55_HUMAN	68.4	10.0	1	21.5 (M:21.5)	1	1.5	9.27	1310		
rndZN131_HUMAN	71.4	5.0	1	21.5 (M:21.5)	1	0.8	3.27	1311	1.38	1
PDCD6_HUMAN	21.9	5.0	1	21.5 (M:21.5)	1	4.7	0.48	1312	1.62	1
rndNPAS1_HUMAN	62.7	9.4	1	21.5 (M:21.5)	1	1.2	11.44	1313	1.71	1
rndGDEP_HUMAN	4.0	7.7	1	21.5 (M:21.5)	1	29.4	4.72	1314	1.78	1
rndTTC18_HUMAN	125.6	5.5	1	21.5 (M:21.5)	1	0.7	4.36	1315	0.95	1
PXDN_HUMAN	165.2	6.8	1	21.5 (M:21.5)	1	0.8	3.69	1316	0.58	1
S14L1_HUMAN	81.2	6.1	1	21.4 (M:21.4)	1	1.1	11.27	1317		
rndCILP1_HUMAN	132.5	9.7	1	21.4 (M:21.4)	1	0.8	994.80	1318		
rndNPA1P_HUMAN	254.2	6.0	1	21.4 (M:21.4)	1	0.4	9.43	1319		
ALDR_HUMAN	35.8	6.6	1	21.4 (M:21.4)	1	2.5	4.28	1320		
RCOR2_HUMAN	58.0	9.6	1	21.4 (M:21.4)	1	1.3	8.93	1321		
WFKN1_HUMAN	58.8	5.8	1	21.4 (M:21.4)	1	1.3	12.22	1322		
DEN2A_HUMAN	113.8	9.8	1	21.4 (M:21.4)	1	0.7	4.49	1323		
LHPL3_HUMAN	24.7	5.6	1	21.4 (M:21.4)	1	4.1	3.50	1324	0.86	1
TENR_HUMAN	149.5	4.6	1	21.4 (M:21.4)	1	0.6	14.04	1325	1.20	1
rndP85B_HUMAN	81.6	6.1	1	21.4 (M:21.4)	1	2.1	10.60	1326		
AP4A_HUMAN	16.8	5.1	1	21.4 (M:21.4)	1	4.8	2.82	1327	0.80	1

ZN594_HUMAN	93.8	10.1	1	21.4 (M:21.4)	1	0.9	4.00	1328		
SAFB2_HUMAN	107.4	5.8	1	21.4 (M:21.4)	1	1.7	2.80	1329		
PTK6_HUMAN	51.8	6.6	1	21.4 (M:21.4)	0	2.4	9.84	1330		
TCRG1_HUMAN	123.8	9.3	1	21.3 (M:21.3)	1	1.0	7.23	1331		
KDM2B_HUMAN	152.5	9.8	1	21.3 (M:21.3)	1	0.7	6.87	1332	1.23	1
AFAM_HUMAN	69.0	5.6	1	21.3 (M:21.3)	1	1.5	0.55	1333	1.55	1
rndHSF5_HUMA	65.2	6.9	1	21.3 (M:21.3)	1	1.2	1.57	1334	1.20	1
ACOC_HUMAN	98.3	6.2	1	21.3 (M:21.3)	1	3.3	331.69	1335		
GNB1L_HUMAN	35.6	9.8	1	21.2 (M:21.2)	1	4.0	628.36	1336		
rndUNC5D_HUM	105.8	5.7	1	21.2 (M:21.2)	1	0.9	0.19	1337	3.59	1
TAF2_HUMAN	136.9	9.2	1	21.2 (M:21.2)	1	1.0	13.07	1338		
LYST_HUMAN	428.9	6.2	1	21.2 (M:21.2)	1	0.2	806.98	1339	2.62	1
LRIQ3_HUMAN	73.6	10.3	1	21.2 (M:21.2)	1	1.1	8.16	1340	1.23	1
NOP16_HUMAN	21.2	10.4	1	21.2 (M:21.2)	1	7.9	525.56	1341	1.68	1
rndPRP16_HUM	140.4	6.1	1	21.2 (M:21.2)	1	0.7	8.85	1342	1.08	1
DAG1_HUMAN	97.4	9.4	1	21.2 (M:21.2)	1	0.9	2.27	1343	1.00	1
SEM4D_HUMAN	96.1	9.2	1	21.2 (M:21.2)	1	0.7	0.15	1344	1.10	1
PGH2_HUMAN	69.0	7.2	1	21.2 (M:21.2)	1	1.8	9.78	1345		
PSA4_HUMAN	29.5	8.7	1	21.1 (M:21.1)	1	2.7	3.74	1346	0.78	1
rnd1B57_HUMA	40.2	5.9	1	21.1 (M:21.1)	1	1.9	0.35	1347	1.38	1
IFN14_HUMAN	22.0	7.7	2	21.1 (M:21.1)	1	4.2	1003.04	1348		
CE110_HUMAN	113.4	9.6	1	21.1 (M:21.1)	1	0.8	959.15	1349		
rndSPT5H_HUM	120.9	4.8	1	21.1 (M:21.1)	1	0.7	11.20	1350		
MARE1_HUMAN	30.0	4.9	2	21.1 (M:21.1)	1	2.2	1.34	1351	0.78	1
ZER1_HUMAN	88.1	5.3	1	21.1 (M:21.1)	1	1.0	8.05	1352	1.34	1
LV302_HUMAN	11.9	4.8	1	21.1 (M:21.1)	1	7.2	8.17	1353		
FUMH_HUMAN	54.6	9.4	1	21.1 (M:21.1)	1	1.8	14.86	1354	0.96	1
MATN2_HUMAN	106.8	5.8	1	21.1 (M:21.1)	1	0.9	2.92	1355		
rndANR26_HUM	196.2	5.4	1	21.1 (M:21.1)	1	0.4	6.70	1356	0.95	1
SEM6B_HUMAN	95.2	9.9	1	21.0 (M:21.0)	1	0.6	11.30	1357		
rndSPTN5_HUM	416.6	6.2	1	21.0 (M:21.0)	1	0.2	12.34	1358		
ZN347_HUMAN	95.7	10.3	1	21.0 (M:21.0)	1	1.7	5.20	1359		
SRGP2_HUMAN	124.4	6.2	1	21.0 (M:21.0)	1	0.7	14.81	1360	1.14	1
rndPLCG1_HUM	148.4	5.7	1	21.0 (M:21.0)	1	1.1	562.37	1361	1.07	1
rndE2F7_HUMA	99.8	9.0	1	21.0 (M:21.0)	1	1.0	13.04	1362		
RS6_HUMAN	28.7	11.5	1	21.0 (M:21.0)	1	4.8	0.04	1363	1.25	1
CTBP2_HUMAN	48.9	6.5	1	21.0 (M:21.0)	1	1.8	922.45	1364	0.84	1
rndDQX1_HUM	79.4	4.8	1	21.0 (M:21.0)	1	1.3	761.93	1365	1.40	1

rndDNM3A_HUM	101.8	6.2	1	21.0 (M:21.0)	1	1.0	947.17	1366		
rndKIF15_HUMA	160.1	5.7	1	21.0 (M:21.0)	1	0.6	2.55	1367		
rndNMDE1_HUM	165.2	6.7	1	21.0 (M:21.0)	1	0.4	1361.31	1368		
rnd3BP1_HUMA	175.7	6.3	1	21.0 (M:21.0)	1	1.0	969.81	1369	1.73	1
rndMY18B_HUM	285.0	6.5	1	21.0 (M:21.0)	1	0.4	626.87	1370	1.98	1
rndPK3CG_HUM	126.4	7.5	1	20.9 (M:20.9)	1	0.6	1.22	1371	0.75	1
rndNEUL4_HUM	166.8	5.5	1	20.9 (M:20.9)	1	0.6	7.96	1372	1.06	1
rndSRGP2_HUM	124.4	6.2	1	20.9 (M:20.9)	1	0.7	10.55	1373	1.43	1
ATN1_HUMAN	124.7	9.4	1	20.9 (M:20.9)	1	0.6	9.56	1374	1.71	1
rndMYO7B_HUM	241.4	9.5	1	20.9 (M:20.9)	1	0.2	7.49	1375	1.34	1
rndCSMD1_HUM	388.6	5.6	1	20.9 (M:20.9)	1	0.3	1.23	1376	0.94	1
CS057_HUMAN	69.5	4.6	1	20.9 (M:20.9)	1	1.2	7.13	1377	0.72	1
GNAO_HUMAN	40.0	5.2	1	20.8 (M:20.8)	1	1.7	5.33	1378	0.69	1
rndCC113_HUM	44.2	9.2	1	20.8 (M:20.8)	1	1.9	12.19	1379		
TCPE_HUMAN	59.6	5.3	1	20.8 (M:20.8)	1	1.8	0.81	1380	0.87	1
rndKLH30_HUM	64.0	5.5	1	20.8 (M:20.8)	1	1.6	1.74	1381	1.26	1
rndPIAS3_HUMA	68.0	8.9	1	20.8 (M:20.8)	1	1.0	1378.25	1382		
rndTF3C1_HUM	238.7	7.1	1	20.8 (M:20.8)	1	0.2	4.62	1383	1.66	1
rndNUP98_HUM	187.7	5.9	1	20.8 (M:20.8)	1	0.5	11.90	1384	1.26	1
rndKALRN_HUM	340.0	5.7	1	20.8 (M:20.8)	1	0.2	950.30	1385	0.62	1
rndM4K4_HUMA	142.0	7.2	1	20.7 (M:20.7)	1	0.5	13.16	1386	1.30	1
rndCD22_HUMA	95.3	6.2	1	20.7 (M:20.7)	1	0.9	872.05	1387	0.95	1
rndANFB_HUMA	14.7	11.3	1	20.7 (M:20.7)	1	6.7	7.18	1388		
VGLL2_HUMAN	33.4	6.4	1	20.7 (M:20.7)	1	2.5	951.15	1389	1.31	1
GGT7_HUMAN	70.4	4.8	1	20.7 (M:20.7)	1	4.2	335.65	1390		
DDX3Y_HUMAN	73.1	7.8	3	20.7 (M:20.7)	1	1.4	8.36	1391	0.90	1
AP2A1_HUMAN	107.5	6.7	1	20.7 (M:20.7)	1	0.8	7.59	1392	0.65	1
ACBG2_HUMAN	74.3	9.4	1	20.7 (M:20.7)	1	1.1	11.09	1393	1.46	1
rndF1891_HUM	56.5	5.1	1	20.7 (M:20.7)	1	2.2	14.26	1394	1.32	1
NB5R3_HUMAN	34.2	7.9	1	20.6 (M:20.6)	1	4.3	5.21	1395	1.54	1
rndLRRRC7_HUM	172.5	6.4	1	20.6 (M:20.6)	1	0.5	1.92	1396	1.97	1
RCC1_HUMAN	44.9	7.9	1	20.6 (M:20.6)	1	2.1	14.81	1397		
TTBK1_HUMAN	142.6	5.4	1	20.6 (M:20.6)	1	0.5	12.69	1398	2.39	1
rndK1C27_HUM	49.8	4.9	1	20.6 (M:20.6)	1	1.7	2.97	1399		
CRBA1_HUMAN	25.1	5.8	1	20.6 (M:20.6)	1	2.8	0.51	1400	1.27	1
rndRBP2_HUMA	358.0	5.8	1	20.6 (M:20.6)	1	0.4	9.19	1401	2.17	1
CAMP_HUMAN	19.3	10.3	1	20.6 (M:20.6)	1	4.7	4.74	1402		
SH3G1_HUMAN	41.5	5.2	1	20.6 (M:20.6)	1	2.2	2.67	1403	1.23	1

CC150_HUMAN	128.7	6.6	1	20.5 (M:20.5)	1	0.7	780.60	1404	0.65	1
CDAN1_HUMAN	134.1	6.4	1	20.5 (M:20.5)	1	0.7	11.48	1405		
DEN4B_HUMAN	163.7	6.9	1	20.5 (M:20.5)	1	0.7	0.88	1406	1.17	1
rndRM46_HUMAN	31.7	6.7	3	20.5 (M:20.5)	1	1.8	10.51	1407	1.47	1
SPAT7_HUMAN	67.7	5.9	1	20.5 (M:20.5)	1	1.2	1.97	1408	1.85	1
RPN1_HUMAN	68.5	5.9	1	20.5 (M:20.5)	1	1.8	2.26	1409		
K0947_HUMAN	247.7	5.2	1	20.5 (M:20.5)	1	0.4	1.19	1410		
TPST2_HUMAN	41.9	9.9	2	20.4 (M:20.4)	1	1.3	3.38	1411		
rndAP2A1_HUMAN	107.5	6.7	1	20.4 (M:20.4)	1	0.7	1195.17	1412		
LRC15_HUMAN	64.4	6.3	1	20.4 (M:20.4)	1	1.5	867.86	1413	0.95	1
PKHG2_HUMAN	147.8	5.5	1	20.4 (M:20.4)	1	0.9	9.59	1414	1.17	1
TDRD9_HUMAN	155.6	6.7	1	20.4 (M:20.4)	1	0.5	2.09	1415	1.46	1
C163B_HUMAN	159.2	5.4	1	20.4 (M:20.4)	1	0.4	2.38	1416	1.31	1
rndB3A2_HUMAN	136.9	5.9	1	20.4 (M:20.4)	1	0.6	1077.44	1417		
B3AT_HUMAN	101.7	4.9	1	20.4 (M:20.4)	1	1.0	2.12	1418	1.49	1
EIF3L_HUMAN	66.7	5.9	1	20.4 (M:20.4)	1	1.4	7.01	1419		
ADA10_HUMAN	84.1	9.1	1	20.4 (M:20.4)	1	1.3	1.73	1420	0.72	1
PTSS2_HUMAN	56.2	5.8	1	20.3 (M:20.3)	0	1.4	8.85	1421		
rndTREA_HUMAN	66.5	5.4	1	20.3 (M:20.3)	1	1.7	4.95	1422		
rndEMAL1_HUMAN	89.8	6.7	1	20.3 (M:20.3)	1	1.0	10.57	1423	0.88	1
SO2A1_HUMAN	70.0	10.2	1	20.3 (M:20.3)	1	1.2	966.84	1424	1.34	1
rndCND2_HUMAN	82.5	4.8	1	20.3 (M:20.3)	1	1.6	628.21	1425	1.54	1
KAPO_HUMAN	43.0	5.1	1	20.3 (M:20.3)	1	2.4	0.31	1426	0.88	1
ANFY1_HUMAN	128.3	5.7	1	20.3 (M:20.3)	1	1.5	0.96	1427		
SCML2_HUMAN	77.2	9.6	1	20.3 (M:20.3)	1	1.0	13.61	1428	0.84	1
NRK_HUMAN	178.4	5.9	1	20.3 (M:20.3)	1	0.5	814.18	1429	1.91	1
PODN_HUMAN	68.9	6.5	1	20.2 (M:20.2)	1	1.5	886.56	1430	1.94	1
rndEPA8_HUMAN	110.9	9.4	2	20.2 (M:20.2)	1	0.6	8.67	1431		
TSTD1_HUMAN	12.5	5.8	1	20.2 (M:20.2)	1	7.8	2.31	1432	1.97	1
rndSTK3_HUMAN	56.3	5.0	1	20.2 (M:20.2)	1	1.6	14.71	1433	0.81	1
PAMR1_HUMAN	80.1	8.8	1	20.2 (M:20.2)	1	1.5	843.95	1434	0.63	1
S12A4_HUMAN	120.6	6.0	1	20.2 (M:20.2)	1	1.7	5.18	1435		
THTM_HUMAN	33.2	6.1	1	20.2 (M:20.2)	1	3.0	1.45	1436		
OR5L1_HUMAN	34.5	9.5	2	20.2 (M:20.2)	1	1.9	4.65	1437	1.52	1
EIF2A_HUMAN	64.9	9.6	1	20.2 (M:20.2)	1	2.1	10.93	1438	1.64	1
rndSYFB_HUMAN	66.1	6.4	1	20.2 (M:20.2)	1	1.4	1.49	1439		
FCHO2_HUMAN	88.9	6.4	1	20.2 (M:20.2)	1	0.9	7.27	1440	1.71	1
AT2A2_HUMAN	114.7	5.1	1	20.2 (M:20.2)	1	2.0	0.16	1441		

rndNONO_HUM	54.2	9.6	1	20.2 (M:20.2)	1	1.9	899.14	1442		
TLL6_HUMAN	96.3	9.8	1	20.2 (M:20.2)	1	0.8	834.08	1443	1.26	1
JERKY_HUMAN	57.4	9.5	1	20.2 (M:20.2)	1	1.5	988.41	1444	0.64	1
RN213_HUMAN	373.7	6.5	1	20.2 (M:20.2)	1	0.2	2.03	1445	1.22	1
CE164_HUMAN	164.2	5.1	1	20.2 (M:20.2)	1	0.5	925.93	1446	1.69	1
rndFRAT2_HUM	24.0	5.3	3	20.2 (M:20.2)	1	2.1	4.12	1447		
rndPLIN4_HUM	134.3	9.7	1	20.2 (M:20.2)	1	0.4	1579.92	1448		
UB2V2_HUMAN	16.4	9.0	1	20.1 (M:20.1)	1	4.8	1.52	1449		
TBX2_HUMAN	74.0	9.7	1	20.1 (M:20.1)	1	1.1	0.38	1450	1.48	1
rndNSUN7_HUM	81.0	9.7	1	20.1 (M:20.1)	1	1.3	1.85	1451	1.28	1
CAN11_HUMAN	84.4	5.3	1	20.1 (M:20.1)	1	0.9	1222.66	1452	1.15	1
MSH6_HUMAN	152.7	6.5	1	20.1 (M:20.1)	1	0.6	7.46	1453	1.16	1
CE120_HUMAN	112.6	5.9	1	20.1 (M:20.1)	1	0.8	6.43	1454	1.52	1
MAPK3_HUMAN	43.0	7.1	1	20.1 (M:20.1)	1	2.4	940.32	1455		
rndPRA11_HUM	50.6	10.0	1	20.0 (M:20.0)	1	2.8	13.14	1456	0.50	1
rndTDRD5_HUM	109.7	9.2	1	20.0 (M:20.0)	1	0.9	849.86	1457		
rndTRIX3_HUM	53.7	6.5	1	20.0 (M:20.0)	1	1.3	0.20	1458	0.01	1
DD19B_HUMAN	53.9	5.9	1	20.0 (M:20.0)	1	5.8	326.67	1459		
rndKGP1_HUM	76.3	5.7	1	20.0 (M:20.0)	1	1.6	10.79	1460	2.46	1
SUV3_HUMAN	87.9	9.1	1	20.0 (M:20.0)	1	0.9	14.99	1461	1.28	1
rndTBC3A_HUM	62.2	10.0	1	20.0 (M:20.0)	1	1.5	3.55	1462		
SLIRP_HUMAN	12.3	11.0	1	20.0 (M:20.0)	1	8.3	1.36	1463	0.61	1
rndGLT14_HUM	64.3	8.9	1	20.0 (M:20.0)	1	1.6	9.74	1464		

Supplementary Table S2 Summary of high-mannose N-linked glycoproteins involved in ESCC by iTRAQ (2nd).

Accession	MW [kDa]	pI	#Alt. Proteins	#Peptide Scores	RMS90 s	SC [%] SC [%]	Rank	Median(H/L)	#(H/L)	CV [%](H/L)
ALBU_HUMAN	69.3	5.9	8	2466.9 (M:2 48	47.3	3.04	1	1.44	20	31.32
APOB_HUMAN	515.2	6.6	1	1973.3 (M:1 52	9.9	2.74	2	1.68	50	29.65
CO3_HUMAN	187.0	6.0	4	1947.5 (M:1 50	23.3	1.76	3	1.50!	47	36.65
A2MG_HUMAN	163.2	6.0	12	1501.2 (M:1 38	18.5	2.40	4	1.59	36	32.76
FLNA_HUMAN	280.6	5.7	1	1350.6 (M:1 31	13.0	1.35	5	1.09	30	22.38
A2ML1_HUMAN	161.0	5.4	7	1203.6 (M:1 30	17.4	226.92	6	1.96!	26	28.91
AHNK_HUMAN	628.7	5.7	2	1113.4 (M:1 29	4.8	2.14	7	1.09	25	17.83
ENPL_HUMAN	92.4	4.6	7	1084.3 (M:1 27	30.3	2.96	8	0.95	23	27.49
COEA1_HUMAN	193.4	5.0	2	932.6 (M:93 21	11.7	1.62	9	1.87	20	25.11
MYH9_HUMAN	226.4	5.4	2	875.0 (M:87 18	7.4	1.43	10	0.85	14	24.71
CO6A3_HUMAN	343.5	6.3	1	865.3 (M:86 23	6.9	1.56	11	1.28!	22	32.90
TENA_HUMAN	240.7	4.6	3	860.8 (M:86 20	8.9	3.16	12	0.59!	19	38.34
ACTB_HUMAN	41.7	5.2	6	846.0 (M:84 19	25.9	571.86	13	1.07!	14	43.78
CO4A_HUMAN	192.7	6.7	2	833.0 (M:83 20	10.1	1.82	14	1.37	20	26.49
ACTA_HUMAN	42.0	5.1	4	811.4 (M:81 19	25.7	656.50	15	1.13!	14	41.80
FIBA_HUMAN	94.9	5.6	7	807.1 (M:80 19	17.6	1.80	16	1.29!	19	32.85
VINC_HUMAN	123.7	5.4	1	805.3 (M:80 20	15.4	1.91	17	0.99	20	18.74
COCA1_HUMAN	332.9	5.3	1	728.7 (M:72 19	5.8	2.08	18	0.70	19	33.33
VIME_HUMAN	53.6	4.9	11	724.8 (M:72 15	27.9	1.19	19	1.00	12	19.65
HSP71_HUMAN	70.0	5.4	4	722.0 (M:72 17	23.9	1.08	20	1.09!	14	20.32
HS90B_HUMAN	83.2	4.8	4	700.1 (M:70 17	20.0	2.23	21	0.82	17	25.66
TRFE_HUMAN	77.0	7.0	7	685.4 (M:68 19	26.1	2.13	22	1.34	17	18.24
KPYM_HUMAN	57.9	9.0	2	660.2 (M:66 16	26.2	2.54	23	0.70	11	28.07
IGHM_HUMAN	49.3	6.4	2	657.3 (M:65 11	21.0	2.68	24	1.41!	11	34.80
K2C1_HUMAN	66.0	8.8	2	639.2 (M:63 15	19.1	1.11	25	1.16	15	21.20
HS90A_HUMAN	84.6	4.8	3	618.2 (M:61 16	18.7	1.81	26	0.85	15	25.28
HPT_HUMAN	45.2	6.1	1	597.2 (M:59 14	25.1	2.51	27	1.45!	13	34.99
EF1A1_HUMAN	50.1	9.7	3	591.2 (M:59 13	22.1	1.73	28	0.97	12	33.58
TAGL_HUMAN	22.6	9.4	2	577.9 (M:57 13	45.8	1.76	29	1.61	13	33.07
FIBG_HUMAN	51.5	5.3	1	577.1 (M:57 13	13.9	2.48	30	1.21	13	33.17
IGHG1_HUMAN	36.1	9.4	4	562.1 (M:56 13	29.1	1.42	31	0.99	12	45.80
IGHA1_HUMAN	37.6	6.1	1	560.9 (M:56 12	21.0	3.31	32	1.15	10	37.62
ENOA_HUMAN	47.1	7.7	3	558.9 (M:55 15	25.3	2.44	33	0.80!	15	28.28

LAMB1_HUMAN	197.9	4.7	2	556.5 (M:55 15	7.1	2.61	34	0.64	15	39.05
1433S_HUMAN	27.8	4.5	1	538.8 (M:53 14	31.9	1.26	35	1.16	14	19.50
1433B_HUMAN	28.1	4.6	3	518.1 (M:51 14	35.0	2.36	36	0.81	14	35.52
ANXA4_HUMAN	35.9	5.8	1	514.5 (M:51 8	28.5	1.61	37	0.65	5	27.72
HSP7C_HUMAN	70.9	5.2	1	506.2 (M:50 13	20.3	1.00	38	1.06	12	16.94
PGBM_HUMAN	468.5	6.1	1	494.8 (M:49 12	2.7	1.73	39	1.10	12	14.29
FINC_HUMAN	262.4	5.4	1	489.8 (M:48 14	5.9	4.06	40	0.55	13	46.99
1433Z_HUMAN	27.7	4.6	1	486.4 (M:48 12	31.8	2.57	41	0.94	12	17.20
PDIA1_HUMAN	57.1	4.6	1	478.1 (M:47 12	19.1	1.36	42	0.94	11	14.58
CERU_HUMAN	122.1	5.4	1	476.4 (M:47 13	10.5	1.55	43	1.29!	13	35.86
HEXB_HUMAN	63.1	6.3	1	474.6 (M:47 11	16.9	2.78	44	0.62	11	28.20
ANXA2_HUMAN	38.6	8.5	2	470.6 (M:47 11	33.3	2.71	45	0.85	9	25.19
IGHA2_HUMAN	36.5	5.7	1	468.9 (M:46 10	19.1	1.16	46	1.23	8	33.65
TLN1_HUMAN	269.6	5.7	2	463.8 (M:46 12	3.9	2.23	47	0.89	12	26.26
1433G_HUMAN	28.3	4.7	1	462.8 (M:46 12	29.1	2.14	48	0.83	12	36.93
K2C6C_HUMAN	60.0	8.9	9	457.7 (M:45 11	16.3	1.44	49	0.83	11	47.07
ANXA6_HUMAN	75.8	5.3	1	434.1 (M:43 11	13.5	0.93	50	0.80	9	20.63
LAMC1_HUMAN	177.5	4.9	1	434.0 (M:43 12	6.2	2.15	51	0.83	12	11.52
GLU2B_HUMAN	59.4	4.2	2	432.7 (M:43 10	15.9	1.74	52	1.41!	10	26.73
HBB_HUMAN	16.0	6.9	1	421.9 (M:42 8	42.9	2.61	53	1.06	7	20.92
COF1_HUMAN	18.5	9.1	2	420.3 (M:42 8	40.4	2.13	54	0.92	7	23.25
HBA_HUMAN	15.2	9.4	2	417.8 (M:41 9	35.2	2.45	55	1.10!	9	19.80
APOA1_HUMAN	30.8	5.5	1	416.8 (M:41 10	30.7	1.38	56	1.50!	10	26.01
FIBB_HUMAN	55.9	9.3	1	416.0 (M:41 8	14.9	1.70	57	1.25	8	16.21
CATD_HUMAN	44.5	6.1	1	413.7 (M:41 10	16.3	4.25	58	0.68	9	28.43
AK1BA_HUMAN	36.0	7.8	1	411.8 (M:41 8	24.4	2.23	59	0.63	5	32.04
K1C9_HUMAN	62.0	5.0	5	407.2 (M:40 10	14.3	1.73	60	0.97	10	18.74
TERA_HUMAN	89.3	5.0	3	399.4 (M:39 11	11.9	1.56	61	1.01	11	19.07
CH60_HUMAN	61.0	5.6	1	396.2 (M:39 10	18.5	2.24	62	0.91	9	42.80
GANAB_HUMAN	106.8	5.7	1	395.9 (M:39 11	11.4	1.93	63	1.20	10	10.02
HBD_HUMAN	16.0	9.1	1	391.8 (M:39 8	42.9	2.52	64	0.99	7	18.30
MOES_HUMAN	67.8	6.0	1	387.3 (M:38 12	17.5	1.20	65	1.03	11	28.78
PRDX1_HUMAN	22.1	9.2	1	385.1 (M:38 8	32.7	1.62	66	0.84	8	20.25
MVP_HUMAN	99.3	5.2	1	382.3 (M:38 7	8.4	1.68	67	1.09	6	15.31
G3P_HUMAN	36.0	9.3	1	381.2 (M:38 9	27.5	164.26	68	0.61!	7	22.81
CSPG4_HUMAN	250.3	5.2	1	379.4 (M:37 9	3.7	1.25	69	0.94	9	29.14

CO1A1_HUMAN	138.8	5.5	1	371.2 (M:37 8	6.6	3.37	70	0.65	8	35.34
IF4A1_HUMAN	46.1	5.2	1	365.7 (M:36 8	16.0	2.40	71	0.94	5	19.54
ALDOA_HUMAN	39.4	9.2	3	365.5 (M:36 9	22.0	3.03	72	0.76	9	29.10
UGGG1_HUMAN	177.1	5.3	1	362.9 (M:36 9	5.7	1.36	73	1.05	8	9.90
PROF1_HUMAN	15.0	9.4	1	356.9 (M:35 8	52.9	1.55	74	0.76!	5	14.85
ITIH2_HUMAN	106.4	6.4	1	354.4 (M:35 9	7.5	1.50	75	1.41	9	18.65
6PGD_HUMAN	53.1	7.0	1	346.9 (M:34 9	19.0	1.71	76	1.02	8	26.66
TPM4_HUMAN	28.5	4.5	3	346.5 (M:34 10	34.3	1.97	77	1.14	9	50.04
LUM_HUMAN	38.4	6.2	1	341.2 (M:34 7	19.2	1.84	78	0.97	7	31.62
PGK1_HUMAN	44.6	9.2	2	340.8 (M:34 8	13.7	2.42	79	0.74	8	17.65
TPM1_HUMAN	32.7	4.5	1	340.0 (M:34 9	22.9	2.99	80	1.90	9	42.05
POSTN_HUMAN	93.3	7.8	1	339.7 (M:33 9	9.7	4.22	81	0.46	9	20.94
A1AT_HUMAN	46.7	5.3	3	338.4 (M:33 9	16.5	2.47	82	1.84	9	22.66
K2C5_HUMAN	62.3	8.6	1	337.7 (M:33 9	11.7	1.78	83	0.81	9	48.67
CFAB_HUMAN	85.5	6.7	1	330.7 (M:33 9	9.4	1.74	84	1.41	9	30.97
ERO1A_HUMAN	54.4	5.4	4	329.9 (M:32 9	15.8	1.44	85	1.18	9	31.76
TRFL_HUMAN	78.1	9.6	1	329.8 (M:32 9	11.8	2.66	86	0.68	9	35.40
RRBP1_HUMAN	152.4	9.3	1	329.2 (M:32 7	5.1	2.40	87	0.48!	5	27.24
1433E_HUMAN	29.2	4.5	1	328.5 (M:32 8	25.1	1.67	88	0.86	8	25.36
K22E_HUMAN	65.4	8.9	1	327.4 (M:32 8	11.3	0.69	89	1.09	8	19.48
GRP78_HUMAN	72.3	4.9	1	325.8 (M:32 10	14.8	1.86	90	0.89	9	16.29
K2C4_HUMAN	57.2	6.2	8	321.7 (M:32 8	12.7	289.42	91	1.51	8	24.47
CD109_HUMAN	161.6	5.5	2	321.0 (M:32 9	5.3	1.43	92	0.89	9	24.93
HEXA_HUMAN	60.7	4.9	1	319.0 (M:31 8	11.5	2.94	93	0.56!	7	35.91
TPM2_HUMAN	32.8	4.5	2	318.1 (M:31 9	23.9	2.75	94	1.85	9	23.49
TBA1C_HUMAN	49.9	4.8	7	313.7 (M:31 7	12.2	2.12	95	0.88	6	32.48
HPTR_HUMAN	39.0	6.7	1	311.0 (M:31 7	15.5	2.81	96	1.34	7	31.05
G6PE_HUMAN	88.8	6.9	1	310.9 (M:31 8	9.0	1.16	97	1.02	8	27.06
PDIA3_HUMAN	56.7	5.9	1	307.2 (M:30 9	15.6	2.00	98	0.82	9	16.55
FLNC_HUMAN	290.8	5.6	1	305.5 (M:30 7	2.1	1.55	99	1.40	7	18.95
ITIH1_HUMAN	101.3	6.3	1	303.7 (M:30 7	8.0	1.54	100	1.22	7	18.76
G6PI_HUMAN	63.1	9.1	1	303.0 (M:30 9	10.2	3.34	101	0.85	9	16.31
TALDO_HUMAN	37.5	6.4	1	301.8 (M:30 8	21.7	1.10	102	0.98	8	16.86
ASAHI_HUMAN	44.6	8.6	1	301.7 (M:30 9	19.5	2.20	103	0.85!	8	31.37
NUCL_HUMAN	76.6	4.4	1	298.9 (M:29 8	8.6	2.63	104	1.01	8	21.29
CO5_HUMAN	188.2	6.1	1	296.6 (M:29 9	4.6	2.47	105	1.72	9	20.18

K1C10_HUMAN	58.8	5.0	13	296.2 (M:29 8	11.0	2.22	106	0.87	8	15.55
DPP2_HUMAN	54.3	5.9	1	295.6 (M:29 6	12.6	1.59	107	0.73	6	32.05
LAMA4_HUMAN	202.4	5.9	1	294.8 (M:29 9	3.3	2.26	108	0.85	9	8.69
IGHG2_HUMAN	35.9	8.8	1	291.5 (M:29 7	12.0	2.47	109	0.96	7	21.58
GGH_HUMAN	35.9	6.8	1	285.7 (M:28 7	16.7	2.49	110	0.54	7	23.53
EF2_HUMAN	95.3	6.4	1	285.5 (M:28 7	8.0	1.41	111	0.82	7	35.53
LAMC2_HUMAN	130.9	5.8	1	284.5 (M:28 8	5.8	1.76	112	0.57	8	28.92
LDHA_HUMAN	36.7	9.3	1	284.0 (M:28 7	19.6	1.61	113	0.82	7	18.40
IC1_HUMAN	55.1	6.1	1	283.5 (M:28 7	14.6	1.76	114	1.42	6	30.21
HXK1_HUMAN	102.4	6.4	2	279.5 (M:27 8	7.6	2.04	115	0.90	8	23.99
CO2_HUMAN	83.2	7.9	2	277.6 (M:27 8	9.2	0.97	116	1.10	8	20.77
K1C13_HUMAN	49.6	4.8	2	273.7 (M:27 7	12.2	2.98	117	1.46	7	45.57
ANXA5_HUMAN	35.9	4.8	1	273.0 (M:27 5	17.5	1.92	118	0.81	4	54.90
K2C8_HUMAN	53.7	5.4	1	272.3 (M:27 6	13.0	2.58	119	0.92	4	28.18
AK1C1_HUMAN	36.8	9.0	3	269.6 (M:26 5	15.2	2.69	120	0.65	4	11.54
ITB1_HUMAN	88.4	5.1	1	269.6 (M:26 5	6.0	1.52	121	1.57	5	8.40
IF4A2_HUMAN	46.4	5.2	1	266.5 (M:26 6	11.3	1.68	122	1.00	3	12.62
TSP1_HUMAN	129.3	4.6	1	265.3 (M:26 7	5.5	3.69	123	0.51	7	19.83
LAC_HUMAN	11.2	7.6	1	265.1 (M:26 6	48.6	1.73	124	1.15!	5	38.39
IQGA1_HUMAN	189.1	6.1	3	264.0 (M:26 7	4.0	1.62	125	0.85	6	41.64
EST1_HUMAN	62.5	6.2	2	263.1 (M:26 6	10.6	2.13	126	0.97	5	25.72
CO1A2_HUMAN	129.2	9.7	1	262.6 (M:26 6	4.9	2.42	127	0.50	6	29.45
ANXA1_HUMAN	38.7	6.7	1	258.2 (M:25 6	9.2	1.85	128	1.33	6	40.88
ACPH_HUMAN	81.2	5.2	1	256.5 (M:25 7	7.7	1.10	129	1.19	5	11.35
TBB5_HUMAN	49.6	4.6	9	256.1 (M:25 6	14.2	1.46	130	0.91!	3	34.09
KU86_HUMAN	82.7	5.5	1	251.6 (M:25 6	8.1	288.25	131	0.88!	3	11.23
LRP1_HUMAN	504.2	5.0	1	251.6 (M:25 7	1.5	0.89	132	1.03	7	31.32
ERAP1_HUMAN	107.2	6.0	4	248.7 (M:24 6	5.7	1.52	133	1.17	6	28.93
CYTB_HUMAN	11.1	7.9	1	246.0 (M:24 6	44.9	1.87	134	1.50	6	32.39
TFR1_HUMAN	84.8	6.2	1	243.7 (M:24 7	7.5	3.10	135	0.65	7	18.62
K1C14_HUMAN	51.5	4.9	4	241.8 (M:24 7	12.5	1.75	136	0.82	7	31.11
LYAG_HUMAN	105.3	5.6	1	236.8 (M:23 6	7.8	1.81	137	0.87	5	28.84
ACTN4_HUMAN	104.8	5.2	3	234.2 (M:23 6	5.4	0.78	138	1.08	6	20.93
CALD1_HUMAN	93.2	5.5	1	234.2 (M:23 7	5.9	1.20	139	0.96	7	37.62
MYH11_HUMAN	227.2	5.3	2	233.1 (M:23 7	2.8	3.98	140	1.78!	6	28.82
AL1A1_HUMAN	54.8	6.3	2	231.4 (M:23 4	8.0	1.44	141	0.76	3	28.65

CADH1_HUMAN	97.4	4.4	3	231.1 (M:23 6	4.6	2.60	142	1.00	6	18.23
HSPB1_HUMAN	22.8	6.0	1	227.8 (M:22 5	18.5	1.99	143	1.14	5	40.65
TPIS_HUMAN	26.7	6.5	2	226.3 (M:22 5	20.9	2.21	144	0.74	5	22.66
ILEU_HUMAN	42.7	5.9	1	226.1 (M:22 5	11.9	1.62	145	1.91	4	32.54
KU70_HUMAN	69.8	6.2	1	224.3 (M:22 6	8.4	1.10	146	1.03	6	23.44
KLKB1_HUMAN	71.3	9.7	1	224.3 (M:22 5	7.1	1.02	147	1.50	5	17.06
APOA4_HUMAN	45.4	5.2	5	223.4 (M:22 7	15.4	1.60	148	1.25	7	29.81
AK1C2_HUMAN	36.7	7.8	1	222.2 (M:22 4	9.9	183.73	149	0.66	2	10.63
HYOU1_HUMAN	111.3	5.0	1	221.4 (M:22 7	5.8	2.45	150	0.99!	6	20.98
DBNL_HUMAN	48.2	4.9	1	221.2 (M:22 2	4.7	2.09	151			
MUC5B_HUMAN	590.1	6.2	3	220.7 (M:22 6	1.2	3.65	152	2.25	5	40.10
LG3BP_HUMAN	65.3	5.0	1	220.7 (M:22 5	7.9	1.43	153	0.86	5	14.05
ITIH4_HUMAN	103.3	6.5	1	220.1 (M:22 5	5.5	1.51	154	1.45!	4	16.02
HNRPF_HUMAN	45.6	5.3	3	218.5 (M:21 4	12.0	224.88	155	0.83	2	8.83
K1C17_HUMAN	48.1	4.8	1	217.0 (M:21 6	10.9	2.02	156	0.77	6	32.13
ARF4_HUMAN	20.5	7.5	2	214.5 (M:21 6	25.0	1.33	157	1.06	6	11.68
TCPB_HUMAN	57.5	6.0	1	213.8 (M:21 2	4.1	2.03	158			
FLNB_HUMAN	278.0	5.4	1	212.8 (M:21 5	1.7	1.55	159	1.00	4	25.88
RAN_HUMAN	24.4	7.8	1	212.1 (M:21 4	19.9	1.03	160	1.04	4	11.70
UBIQ_HUMAN	8.6	7.6	1	211.3 (M:21 5	43.4	3.16	161	0.95	5	27.24
HEMO_HUMAN	51.6	6.6	1	211.1 (M:21 6	9.1	1.52	162	1.41	5	14.97
HSP72_HUMAN	70.0	5.4	1	210.9 (M:21 4	5.9	1.10	163	1.15	3	18.31
FBLN1_HUMAN	77.2	4.9	1	210.0 (M:21 5	6.7	2.75	164	0.65	5	42.42
PTPRF_HUMAN	212.7	5.9	1	208.9 (M:20 6	3.1	2.05	165	0.82	6	32.24
ATPA_HUMAN	59.7	9.6	1	208.5 (M:20 6	10.1	1.18	166	1.09	6	19.73
ACTN1_HUMAN	103.0	5.1	1	208.4 (M:20 5	4.5	1.30	167	1.21	4	40.54
RSSA_HUMAN	32.8	4.6	1	207.8 (M:20 4	10.5	1.32	168	1.71	4	19.76
COTL1_HUMAN	15.9	5.4	1	207.3 (M:20 5	29.6	2.36	169	0.74	5	14.80
NID2_HUMAN	151.2	5.0	1	204.5 (M:20 5	3.6	2.18	170	0.64	5	7.64
CAP1_HUMAN	51.8	9.1	1	204.4 (M:20 5	9.1	2.02	171	0.85	4	38.35
TBA4A_HUMAN	49.9	4.8	1	204.3 (M:20 6	8.9	2.12	172	0.87	6	31.38
ARF3_HUMAN	20.6	7.7	3	202.5 (M:20 5	27.1	1.42	173	1.03!	4	18.56
VWF_HUMAN	309.1	5.2	2	201.4 (M:20 7	2.0	1.96	174	1.31	7	26.48
TBB2C_HUMAN	49.8	4.6	1	201.1 (M:20 5	10.8	1.40	175	0.79!	3	24.41
SAP_HUMAN	58.1	4.9	1	199.4 (M:19 4	5.2	2.69	176	0.62	4	19.82
TCPA_HUMAN	60.3	5.7	2	198.6 (M:19 5	7.2	3.57	177	0.74	4	15.71

GBLP_HUMAN	35.1	8.9	1	198.3 (M:19 5	12.3	1.61	178	1.36	5	11.50
PERM_HUMAN	83.8	10.1	1	197.4 (M:19 5	6.8	2.96	179	0.69!	4	15.73
PTPRZ_HUMAN	254.4	4.6	1	196.0 (M:19 5	1.6	2.90	180	0.77	5	17.32
A1BG_HUMAN	54.2	5.5	1	194.6 (M:19 4	7.5	2.95	181	2.06	4	19.75
PRAF3_HUMAN	21.6	10.1	1	194.2 (M:19 3	19.7	2.19	182	1.23	1	
HNRPC_HUMAN	33.6	4.8	2	193.2 (M:19 4	16.7	236.21	183	0.61	2	29.89
WDR1_HUMAN	66.2	6.2	1	193.2 (M:19 5	7.9	1.63	184	1.08	5	10.79
TGM2_HUMAN	77.3	5.0	1	192.0 (M:19 5	5.7	1.36	185	0.86	4	8.50
COR1A_HUMAN	51.0	6.3	2	191.2 (M:19 5	10.4	3.96	186	0.56	5	33.82
LAMB2_HUMAN	195.9	6.1	1	191.2 (M:19 5	2.7	3.61	187	1.34	5	29.18
PPIA_HUMAN	18.0	9.0	3	190.8 (M:19 5	26.1	1.31	188	0.71	5	27.58
PRDX2_HUMAN	21.9	5.6	1	190.2 (M:19 4	19.2	1.28	189	0.93	4	14.00
MYLK_HUMAN	210.6	5.8	1	189.8 (M:18 5	2.8	1.54	190	1.28	5	16.34
AGAL_HUMAN	48.7	5.2	1	188.5 (M:18 4	8.4	2.19	191	0.76	4	25.66
PEDF_HUMAN	46.3	6.0	1	187.9 (M:18 5	11.7	1.12	192	0.68	5	34.47
SODE_HUMAN	25.8	6.2	1	187.7 (M:18 4	13.3	2.10	193	1.89!	3	37.39
SAFB1_HUMAN	102.6	5.2	1	187.5 (M:18 1	3.1	227.96	194			
PRELP_HUMAN	43.8	10.2	1	187.2 (M:18 5	12.6	2.91	195	1.46!	4	55.94
GBP6_HUMAN	72.4	6.0	1	186.1 (M:18 6	7.6	1.23	196	1.59	6	16.63
C1TC_HUMAN	101.5	7.0	1	185.3 (M:18 6	5.5	1.34	197	0.73	6	60.86
P4HA1_HUMAN	61.0	5.6	1	184.0 (M:18 6	12.9	3.86	198	0.65	5	46.45
CO3A1_HUMAN	138.5	6.2	1	182.9 (M:18 5	2.2	2.41	199	0.53!	4	40.01
RS3A_HUMAN	29.9	10.4	1	182.5 (M:18 4	15.9	2.25	200	1.09	3	13.79
TRYB1_HUMAN	30.5	6.7	3	182.1 (M:18 4	14.9	1.88	201	1.35	4	36.19
CO6A2_HUMAN	108.5	5.8	1	181.9 (M:18 5	4.3	3.97	202	1.30	5	19.10
ACLY_HUMAN	120.8	7.1	1	181.8 (M:18 5	3.5	1.92	203	0.84	5	32.99
PLEC1_HUMAN	531.5	5.7	1	180.9 (M:18 5	0.9	2.27	204	0.79	5	19.67
SPB3_HUMAN	44.5	6.4	2	180.9 (M:18 4	8.5	1.65	205	1.37	4	30.37
CSPG2_HUMAN	372.6	4.3	1	179.4 (M:17 4	1.3	2.29	206	0.65	4	18.39
NLTP_HUMAN	59.0	6.5	1	178.0 (M:17 3	5.1	182.98	207	0.80	1	
LMNB1_HUMAN	66.4	5.0	1	177.7 (M:17 2	2.9	0.76	208			
PGS2_HUMAN	39.7	9.5	1	177.5 (M:17 4	9.7	1.62	209	1.47	4	8.81
BCAM_HUMAN	67.4	5.5	1	177.5 (M:17 4	6.7	2.33	210	0.75	4	7.52
SERPH_HUMAN	46.4	9.3	1	177.1 (M:17 5	11.5	3.00	211	0.78!	4	30.39
TAGL2_HUMAN	22.4	9.3	1	176.0 (M:17 4	21.1	1.23	212	0.82	3	8.67
LAMA3_HUMAN	366.4	7.2	1	175.8 (M:17 5	1.4	2.78	213	0.84	5	21.34

LDHB_HUMAN	36.6	5.7	1	174.1 (M:17.5	14.7	1.61	214	0.84	5	29.41
CO6A1_HUMAN	108.5	5.1	1	173.6 (M:17.6	5.4	1.32	215	1.28	6	6.49
TCPZ_HUMAN	58.0	6.2	1	173.3 (M:17.4	6.4	2.70	216	0.93	4	23.02
PCNA_HUMAN	28.8	4.4	1	172.8 (M:17.3	13.8	233.16	217	0.65	2	17.77
SPRR3_HUMAN	18.1	9.9	1	172.6 (M:17.5	23.7	1.11	218	2.59	5	34.24
PTK7_HUMAN	118.3	6.7	1	171.7 (M:17.4	3.6	1.11	219	0.75	4	6.87
FKBP9_HUMAN	63.0	4.8	2	169.7 (M:16.5	8.1	1.33	220	0.61	5	15.09
KV101_HUMAN	12.0	5.6	10	168.5 (M:16.3	23.1	5.21	221	1.43	1	
RS19_HUMAN	16.1	10.7	1	168.2 (M:16.4	26.2	1.57	222	1.75	4	19.96
CATZ_HUMAN	33.8	6.9	1	167.8 (M:16.3	9.6	4.10	223	0.64	3	16.57
CYC_HUMAN	11.7	10.1	1	167.7 (M:16.4	43.8	1.76	224	0.94	3	28.51
MDHC_HUMAN	36.4	7.7	3	166.3 (M:16.5	12.6	3.18	225	1.00	5	17.28
GSTP1_HUMAN	23.3	5.3	2	165.8 (M:16.4	17.1	2.75	226	0.97	4	18.93
PSA1_HUMAN	29.5	6.2	1	165.5 (M:16.4	15.2	2.06	227	1.00!	4	19.46
RAB1B_HUMAN	22.2	5.4	7	165.4 (M:16.5	19.9	1.32	228	1.00	5	23.95
IMB1_HUMAN	97.1	4.5	1	165.2 (M:16.4	3.9	3.89	229	0.99	3	39.85
DYHC1_HUMAN	532.1	6.0	1	165.1 (M:16.4	0.8	0.90	230	0.88	3	18.13
KNG1_HUMAN	71.9	6.4	1	165.0 (M:16.4	5.0	1.52	231	1.44	4	14.30
PRDX6_HUMAN	25.0	6.0	1	164.5 (M:16.5	18.8	1.70	232	1.03	4	4.95
H2B1J_HUMAN	13.9	10.8	17	164.2 (M:16.5	33.3	4.70	233	0.87	5	36.85
PLST_HUMAN	70.8	5.3	3	164.0 (M:16.4	4.9	2.66	234	0.83	4	44.75
ANXA7_HUMAN	52.7	5.4	1	163.5 (M:16.4	7.0	1.74	235	0.90	4	9.65
ASPH_HUMAN	85.8	4.8	1	163.4 (M:16.4	4.9	1.95	236	0.65	4	20.28
C1S_HUMAN	76.6	4.7	1	163.0 (M:16.4	4.5	1.39	237	0.92	4	4.40
PDC6I_HUMAN	96.0	6.1	1	162.7 (M:16.5	5.0	1.52	238	1.18	5	23.35
RS18_HUMAN	17.7	11.5	1	162.6 (M:16.4	19.7	1.01	239	1.17	4	12.12
PXDC2_HUMAN	59.5	6.0	1	162.1 (M:16.5	8.9	1.65	240	1.09	5	8.53
THIO_HUMAN	11.7	4.7	1	161.9 (M:16.3	21.0	1.98	241	1.12	3	24.91
CTND1_HUMAN	108.1	5.8	1	161.8 (M:16.3	3.2	233.38	242	0.79	1	
RCN3_HUMAN	37.5	4.6	1	161.4 (M:16.4	10.1	0.55	243	0.67!	1	
DCTN2_HUMAN	44.2	5.0	1	161.2 (M:16.5	10.5	3.10	244	1.08	5	19.24
KV305_HUMAN	11.7	9.5	6	160.7 (M:16.3	31.2	5.29	245	0.98	3	34.91
ADH1B_HUMAN	39.8	9.7	3	160.5 (M:16.4	6.4	3.78	246	1.77	4	23.90
PGCP_HUMAN	51.9	5.8	1	160.0 (M:16.4	7.8	1.44	247	1.04	4	14.17
PRDX4_HUMAN	30.5	5.8	1	159.6 (M:15.3	9.2	3.09	248	0.60	3	9.95
S10A6_HUMAN	10.2	5.2	1	159.1 (M:15.5	30.0	1.73	249	1.19	4	8.38

PRS10_HUMAN	44.1	7.8	1	159.1 (M:15 2	7.7	299.58	250			
KV116_HUMAN	11.8	5.0	1	158.4 (M:15 3	24.1	1.23	251	1.84	1	
VCAM1_HUMAN	81.2	5.0	2	157.8 (M:15 4	4.6	1.76	252	0.81	4	27.77
IGHG4_HUMAN	35.9	7.8	1	157.2 (M:15 5	6.1	2.41	253	1.20	5	32.19
NAMPT_HUMAN	55.5	6.8	1	156.8 (M:15 4	7.5	1.01	254	0.92	4	11.79
KV107_HUMAN	11.8	9.6	2	156.6 (M:15 2	23.1	1.65	255			
S10A2_HUMAN	11.1	4.5	1	156.0 (M:15 4	22.4	2.95	256	1.33	4	11.97
TPM3_HUMAN	32.8	4.5	1	155.9 (M:15 5	12.7	2.83	257	1.28	5	65.05
HSP74_HUMAN	94.3	5.0	1	155.8 (M:15 4	3.8	1.78	258	1.08	4	29.37
CAN2_HUMAN	80.0	4.7	2	154.0 (M:15 5	5.4	3.99	259	1.15	5	18.93
MA2B1_HUMAN	113.7	6.9	1	151.4 (M:15 5	4.2	2.72	260	0.83	5	16.07
G6PD_HUMAN	59.2	6.4	1	151.2 (M:15 4	9.1	4.80	261	0.85!	3	7.59
FBN1_HUMAN	312.1	4.7	1	150.6 (M:15 5	1.3	1.19	262	1.18	5	16.46
FAS_HUMAN	273.3	6.0	1	149.6 (M:14 5	1.6	1.34	263	0.95	5	11.91
CALR_HUMAN	48.1	4.1	1	149.4 (M:14 4	7.2	1.37	264	0.79	4	40.72
DSG3_HUMAN	107.5	4.7	2	148.7 (M:14 3	2.7	2.24	265	0.96	3	8.26
ML12B_HUMAN	19.8	4.5	3	148.6 (M:14 5	26.2	1.38	266	1.26	4	30.28
AXA82_HUMAN	36.8	5.3	3	148.3 (M:14 3	10.4	1.83	267	0.91	3	33.50
RS16_HUMAN	16.4	10.8	1	147.6 (M:14 5	28.1	1.12	268	1.20	5	13.77
AEBP1_HUMAN	130.8	4.9	2	147.1 (M:14 4	3.6	1.61	269	0.96	4	14.19
ADH7_HUMAN	40.0	9.4	1	146.9 (M:14 4	9.1	1.82	270	1.43	4	22.53
A1AG1_HUMAN	23.5	4.8	2	146.8 (M:14 4	14.4	2.33	271	1.21	3	7.54
SAMP_HUMAN	25.4	6.1	1	145.3 (M:14 4	17.0	1.37	272	1.42	4	30.29
CAN1_HUMAN	81.8	5.4	1	144.9 (M:14 4	5.0	1.99	273	0.85	4	13.83
HNRPK_HUMAN	50.9	5.3	1	144.9 (M:14 4	7.3	3.83	274	0.73	4	30.99
LAMA2_HUMAN	343.7	6.0	1	144.6 (M:14 4	1.0	1.40	275	1.03	4	3.89
CO5A1_HUMAN	183.4	4.8	1	144.2 (M:14 3	1.4	2.81	276	0.49	3	9.15
SAP3_HUMAN	20.8	5.0	1	144.0 (M:14 3	13.0	2.68	277	0.71	3	14.17
ECHB_HUMAN	51.3	10.0	1	143.5 (M:14 4	8.0	4.05	278	1.17	4	25.09
HRG_HUMAN	59.5	7.2	1	141.9 (M:14 3	5.5	2.64	279	1.01	3	15.31
EF1G_HUMAN	50.1	6.3	1	141.9 (M:14 4	7.8	3.30	280	0.69	4	43.34
MAP4_HUMAN	120.9	5.2	1	141.7 (M:14 5	3.3	2.70	281	0.78	5	15.08
CO7_HUMAN	93.5	6.1	1	141.3 (M:14 3	3.1	2.04	282	2.01	3	24.86
CLUS_HUMAN	52.5	5.9	1	141.1 (M:14 3	6.7	1.69	283	1.60	2	8.90
CNN1_HUMAN	33.1	9.7	1	140.9 (M:14 4	10.8	1.21	284	1.76	4	8.42
AL1B1_HUMAN	57.2	6.4	2	140.9 (M:14 2	4.3	2.74	285	0.87	1	

MK03_HUMAN	43.1	6.3	1	140.9 (M:14 4	9.0	1.92	286	0.87	4	27.77
CATH_HUMAN	37.4	9.3	1	140.2 (M:14 3	10.1	2.39	287	0.83	3	22.56
ATRN_HUMAN	158.4	7.9	1	140.0 (M:14 4	2.2	1.06	288	1.47	4	17.13
PXDN_HUMAN	165.2	6.8	1	139.9 (M:13 4	2.4	3.13	289	0.72	4	31.09
SC61G_HUMAN	7.7	10.8	1	139.7 (M:13 4	17.6	3.82	290			
CILP1_HUMAN	132.5	9.7	1	139.1 (M:13 4	2.7	4.19	291	0.98	4	11.03
CALM_HUMAN	16.8	3.9	3	138.6 (M:13 4	24.8	1.90	292	0.99	3	5.13
RLA0_HUMAN	34.3	5.6	2	138.3 (M:13 4	10.1	1.47	293	1.10	4	9.07
FUCO_HUMAN	53.7	6.4	1	138.1 (M:13 3	6.4	2.54	294	0.89	3	26.09
CNN3_HUMAN	36.4	5.6	1	138.0 (M:13 3	6.1	1.13	295	0.78	3	73.66
TCPE_HUMAN	59.6	5.3	1	137.8 (M:13 3	5.7	2.49	296	0.77	3	12.76
MMP9_HUMAN	78.4	5.6	1	137.6 (M:13 4	5.5	3.30	297	0.53	4	49.83
TGM3_HUMAN	76.6	5.5	1	137.4 (M:13 4	5.2	2.89	298	1.90	4	25.64
PSME2_HUMAN	27.3	5.3	1	137.3 (M:13 3	10.9	1.88	299	0.71	3	14.63
FABP5_HUMAN	15.2	7.5	1	136.9 (M:13 3	20.0	1.09	300	1.31	2	19.81
K6PF_HUMAN	85.1	9.2	2	136.5 (M:13 3	3.7	1.51	301	1.26	2	1.62
SET_HUMAN	33.5	4.1	1	136.0 (M:13 3	13.1	1.38	302	1.13	2	29.31
RL23A_HUMAN	17.7	10.9	1	135.9 (M:13 4	10.9	2.84	303	1.08	4	30.12
ADHX_HUMAN	39.7	8.7	1	135.8 (M:13 4	8.6	1.59	304	1.16	4	10.38
CYTA_HUMAN	11.0	5.3	1	135.3 (M:13 3	37.8	0.81	305	0.96!	2	20.39
PYGB_HUMAN	96.6	6.4	2	134.7 (M:13 4	3.9	4.06	306	1.20	4	16.78
DEST_HUMAN	18.5	9.2	1	134.2 (M:13 4	14.5	1.10	307	1.14	4	19.86
IDHC_HUMAN	46.6	6.6	1	133.6 (M:13 3	7.0	1.54	308	0.92	3	12.16
ROCK2_HUMAN	160.8	5.7	2	133.3 (M:13 1	1.8	5.28	309			
RISC_HUMAN	50.8	5.5	1	132.7 (M:13 3	6.2	2.67	310	1.04	3	26.80
CD166_HUMAN	65.1	5.9	1	132.4 (M:13 3	3.3	5.15	311	0.42	3	59.49
UBA1_HUMAN	117.8	5.4	2	132.3 (M:13 4	4.1	2.70	312	0.79	3	34.75
CH10_HUMAN	10.9	9.4	1	132.2 (M:13 4	32.4	2.67	313	0.94	4	9.46
ARPC5_HUMAN	16.3	5.3	2	131.4 (M:13 4	21.2	4.25	314	0.83	4	30.90
PLD3_HUMAN	54.7	6.0	3	131.1 (M:13 4	7.1	334.69	315	0.69	4	30.10
RADI_HUMAN	68.5	6.0	1	130.4 (M:13 4	5.8	1.79	316	1.20	4	29.16
PEBP1_HUMAN	21.0	7.8	1	130.0 (M:13 4	26.2	1.92	317	1.22	4	10.57
CAPG_HUMAN	38.5	5.9	1	130.0 (M:13 2	6.3	2.08	318	0.78	2	7.10
NUDC_HUMAN	38.2	5.1	1	128.6 (M:12 3	8.5	0.33	319	0.96	3	24.23
ASSY_HUMAN	46.5	8.9	3	128.4 (M:12 4	7.0	2.55	320	0.97	4	17.22
2AAA_HUMAN	65.3	4.9	1	127.8 (M:12 4	5.4	1.62	321	1.03	4	15.85

K1C18_HUMAN	48.0	5.2	1	127.8 (M:12 4	11.9	168.23	322	0.89	2	30.90
PIGR_HUMAN	83.2	5.5	1	127.8 (M:12 4	3.9	2.49	323	1.47!	3	34.21
FKBP7_HUMAN	30.0	6.1	1	127.6 (M:12 3	11.2	3.43	324	0.93	2	9.46
PA2G4_HUMAN	43.8	6.1	1	127.3 (M:12 3	5.8	2.46	325	0.97	3	10.88
GSLG1_HUMAN	134.5	6.5	1	127.2 (M:12 4	2.8	2.40	326	0.75	4	10.23
HNRPG_HUMAN	42.3	0.0	2	127.2 (M:12 4	9.5	1.92	327	0.75	4	15.69
CATS_HUMAN	37.5	9.4	2	127.2 (M:12 3	7.9	4.22	328	0.66	3	12.15
PRS6B_HUMAN	47.3	5.0	1	125.3 (M:12 2	2.4	1.17	329			
FHL1_HUMAN	36.2	10.5	1	125.3 (M:12 2	6.2	2.06	330	1.91	2	7.48
NGAL_HUMAN	22.6	9.6	1	124.8 (M:12 3	15.7	1.66	331	0.78	3	20.57
PDIA4_HUMAN	72.9	4.8	2	124.2 (M:12 4	5.4	1.95	332	0.82	3	9.87
RRS1_HUMAN	41.2	11.2	1	124.0 (M:12 2	3.3	1.07	333			
GILT_HUMAN	29.1	4.7	1	124.0 (M:12 2	4.2	2.45	334	0.39	2	2.99
EST2_HUMAN	61.8	5.7	1	123.3 (M:12 3	5.4	0.57	335	1.59	3	67.08
HEP2_HUMAN	57.0	6.4	1	123.1 (M:12 4	6.0	1.86	336	1.56	4	31.79
RS9_HUMAN	22.6	11.2	1	121.6 (M:12 3	11.9	1.43	337	1.13	3	25.30
RAB21_HUMAN	24.3	9.2	1	121.6 (M:12 2	11.1	2.73	338	1.02	1	
TKT_HUMAN	67.8	8.5	1	121.4 (M:12 3	4.2	1.95	339	0.95	3	4.94
NAGK_HUMAN	37.4	5.8	1	120.4 (M:12 3	9.6	1.56	340	1.77	2	6.33
PYR1_HUMAN	242.8	6.0	1	120.2 (M:12 3	1.4	1.40	341	0.95	2	0.71
RCN1_HUMAN	38.9	4.7	1	120.0 (M:12 3	7.9	0.94	342	1.19	3	15.59
MGN_HUMAN	17.2	5.7	1	119.6 (M:11 2	5.5	1.07	343			
PARK7_HUMAN	19.9	6.4	1	119.0 (M:11 4	16.4	5.49	344	1.02	4	27.95
RS4X_HUMAN	29.6	10.8	3	118.9 (M:11 3	8.4	1.54	345	1.07	3	1.32
LEG1_HUMAN	14.7	5.2	1	118.5 (M:11 3	19.3	1.98	346	1.15	3	14.75
STMN1_HUMAN	17.3	5.7	2	118.3 (M:11 3	16.1	6.21	347	0.76	3	25.69
RBBP4_HUMAN	47.6	4.6	2	117.6 (M:11 3	6.6	2.67	348	0.77	2	15.93
PYGL_HUMAN	97.1	6.8	1	117.4 (M:11 3	3.4	306.77	349	1.06	2	10.77
SDCB1_HUMAN	32.4	7.9	1	117.0 (M:11 2	8.4	217.61	350	0.75	1	
ZA2G_HUMAN	33.9	5.5	1	116.7 (M:11 3	8.1	1.06	351	1.86	3	15.72
RBM42_HUMAN	50.4	10.2	1	116.6 (M:11 1	3.5	3.58	352			
APT_HUMAN	19.6	5.7	1	116.4 (M:11 3	15.6	1.42	353	0.80	2	14.40
MYL6_HUMAN	16.9	4.4	2	116.4 (M:11 3	17.2	3.17	354	0.97	3	19.81
FPRP_HUMAN	98.5	6.2	1	116.3 (M:11 3	3.0	1.26	355	0.94	3	19.65
MUC18_HUMAN	71.6	5.5	1	116.1 (M:11 2	3.7	1.02	356	1.26	2	6.82
PERE_HUMAN	81.0	11.5	1	116.1 (M:11 3	4.1	3.51	357	0.71	3	29.57

PPIC_HUMAN	22.7	9.3	1	115.0 (M:11 3	13.2	0.41	358	0.73	3	6.10
CFAH_HUMAN	139.0	6.2	1	114.9 (M:11 4	2.7	2.38	359	1.27	4	8.10
ITA1_HUMAN	130.8	5.9	1	114.8 (M:11 3	2.5	2.37	360	1.04	3	20.28
EGFR_HUMAN	134.2	6.3	1	114.4 (M:11 3	2.3	2.09	361	0.70	3	24.94
LEG3_HUMAN	26.1	9.1	1	114.4 (M:11 4	14.4	2.15	362	1.00	4	14.77
CFAI_HUMAN	65.7	9.0	2	114.3 (M:11 4	5.1	1.15	363	1.43	4	12.75
GSTO1_HUMAN	27.5	6.3	1	114.2 (M:11 3	12.0	1.70	364	0.85	3	27.66
SH3L1_HUMAN	12.8	5.1	1	114.0 (M:11 2	20.2	0.85	365	0.89	1	
SODM_HUMAN	24.7	9.1	1	113.1 (M:11 3	9.9	2.60	366	0.68	3	20.12
S10A8_HUMAN	10.8	6.6	1	113.0 (M:11 3	22.6	2.38	367	0.66	3	13.26
ANT3_HUMAN	52.6	6.3	1	112.8 (M:11 3	6.9	1.60	368	1.70!	2	17.73
FUCO2_HUMAN	54.0	5.8	1	112.6 (M:11 3	5.4	1.72	369	0.96	3	23.74
RL10A_HUMAN	24.8	10.5	1	112.6 (M:11 3	12.4	1.93	370	1.32	3	15.17
LAMB3_HUMAN	129.5	7.9	1	111.9 (M:11 4	3.2	1.97	371	0.54	4	17.04
HNRPQ_HUMAN	69.6	9.1	2	111.6 (M:11 3	4.8	2.10	372	0.82	3	21.40
RS2_HUMAN	31.3	11.0	1	111.4 (M:11 3	8.9	0.91	373	1.06	3	8.97
SIAE_HUMAN	58.3	7.1	1	111.4 (M:11 3	5.0	3.99	374	0.85	3	13.50
GYS1_HUMAN	83.7	5.8	1	111.2 (M:11 1	3.0	326.81	375			
RL5_HUMAN	34.3	10.2	1	110.9 (M:11 3	7.1	1.53	376	0.96	3	9.98
K6PL_HUMAN	85.0	7.9	1	110.8 (M:11 3	3.2	1.63	377	0.93	3	25.65
MDHM_HUMAN	35.5	9.8	1	110.8 (M:11 2	5.9	1.74	378	0.72	2	28.26
RS5_HUMAN	22.9	10.4	1	110.7 (M:11 3	17.2	1.90	379	1.34	2	32.69
A2GL_HUMAN	38.2	6.5	2	110.7 (M:11 3	6.6	1.04	380	1.01	3	13.73
CPNS1_HUMAN	28.3	4.9	2	110.4 (M:11 3	7.5	2.94	381	1.07	3	28.11
CAND1_HUMAN	136.3	5.4	1	110.3 (M:11 3	2.2	1.05	382	0.84	3	8.73
RS28_HUMAN	7.8	11.6	1	110.0 (M:11 1	17.4	1.21	383			
GSTM3_HUMAN	26.5	5.2	3	109.7 (M:10 3	10.7	2.37	384	0.72	3	16.37
RL30_HUMAN	12.8	10.2	1	109.3 (M:10 3	27.0	1.73	385	0.95	2	6.94
IF4G1_HUMAN	175.4	5.1	2	109.2 (M:10 2	1.1	2.51	386	0.60	1	
EF1D_HUMAN	31.1	4.8	2	109.2 (M:10 3	10.0	4.98	387	0.92	3	23.71
SYEP_HUMAN	170.5	7.2	1	108.8 (M:10 2	1.5	0.67	388	0.67	1	
SODC_HUMAN	15.9	5.7	1	108.8 (M:10 3	17.5	0.92	389	1.18	3	8.81
DESM_HUMAN	53.5	5.1	1	108.7 (M:10 3	6.0	1.15	390	1.22	3	11.79
KV206_HUMAN	14.7	10.0	6	108.6 (M:10 2	15.0	1.08	391	1.32	2	4.97
NIBL1_HUMAN	82.6	5.8	1	108.5 (M:10 3	3.3	0.86	392	1.02	3	9.50
PRS4_HUMAN	49.2	5.8	1	108.2 (M:10 3	7.5	1.85	393	0.92	3	24.87

PCOC1_HUMAN	47.9	8.7	1	107.9 (M:10.2)	5.8	1.02	394	0.65	2	11.89
ECH1_HUMAN	35.8	9.2	1	107.7 (M:10.3)	7.3	2.35	395	0.80	3	22.02
TPPP3_HUMAN	19.0	9.8	1	107.6 (M:10.3)	14.2	2.48	396	1.32	3	23.51
DFFA_HUMAN	36.5	4.5	1	107.1 (M:10.2)	4.8	261.87	397			
KV106_HUMAN	11.8	9.2	2	107.1 (M:10.2)	26.9	2.24	398	1.04!	2	22.43
GDIB_HUMAN	50.6	6.1	2	106.6 (M:10.3)	6.5	0.26	399	0.80	3	21.94
KDEL2_HUMAN	58.5	9.1	1	106.1 (M:10.2)	3.2	2.33	400	0.96	2	11.22
SPTA2_HUMAN	284.4	5.1	1	106.1 (M:10.3)	1.1	1.16	401	0.94	3	8.93
PRDX5_HUMAN	22.0	9.9	1	105.8 (M:10.2)	8.9	1.80	402	0.80	2	7.94
LAMP1_HUMAN	44.9	9.9	1	105.7 (M:10.3)	5.8	3.95	403	0.69	3	39.19
CAPZB_HUMAN	31.3	5.2	1	105.5 (M:10.3)	6.5	1.15	404	0.84	3	17.55
NID1_HUMAN	136.3	5.0	1	105.5 (M:10.3)	2.5	3.46	405	0.86	3	16.46
ILF3_HUMAN	95.3	9.3	1	104.7 (M:10.2)	2.0	3.80	406	0.66	2	13.28
SAR1A_HUMAN	22.4	6.2	2	104.6 (M:10.2)	11.6	1.78	407	1.01	2	7.37
C1R_HUMAN	80.1	5.8	1	104.3 (M:10.3)	3.7	1.95	408	0.97	3	11.92
TOIP1_HUMAN	66.2	8.9	1	104.2 (M:10.2)	2.7	0.41	409	0.73	2	12.23
ECM1_HUMAN	60.6	6.3	1	104.0 (M:10.2)	4.3	2.54	410	2.04	2	3.70
CAZA2_HUMAN	32.9	5.5	1	103.7 (M:10.2)	8.4	339.04	411	0.78	1	
PGM2_HUMAN	68.2	6.3	1	103.5 (M:10.2)	4.4	1.81	412	1.17	2	26.90
LA_HUMAN	46.8	6.8	1	102.4 (M:10.2)	5.4	1.02	413	0.95	1	
ENTP1_HUMAN	57.9	5.9	1	102.3 (M:10.3)	4.9	2.12	414	1.14	3	19.53
DESP_HUMAN	331.6	6.4	1	102.2 (M:10.3)	0.9	2.01	415	0.92	3	12.13
OLFL1_HUMAN	45.9	9.2	1	102.1 (M:10.3)	7.0	3.87	416	1.38	3	51.78
H4_HUMAN	11.4	11.8	1	102.1 (M:10.2)	21.4	1.56	417	1.19	2	2.47
AN32A_HUMAN	28.6	3.8	3	102.0 (M:10.3)	11.2	5.12	418	0.96	3	3.53
GT251_HUMAN	71.6	7.0	1	102.0 (M:10.3)	3.5	3.55	419	0.60	3	24.85
LEG7_HUMAN	15.1	8.0	1	100.6 (M:10.2)	16.9	1.45	420	1.65	2	9.37
TRAP1_HUMAN	80.1	9.0	1	100.5 (M:10.3)	4.4	2.56	421	0.76	3	21.32
BLMH_HUMAN	52.5	5.8	1	100.5 (M:10.2)	6.8	5.21	422	0.84	1	
ERP44_HUMAN	46.9	5.0	1	100.5 (M:10.3)	7.4	1.70	423	1.02	2	12.43
PTPRS_HUMAN	217.0	6.1	1	100.4 (M:10.3)	1.3	4.43	424	1.10	3	5.79
SYNC_HUMAN	62.9	5.9	1	100.4 (M:10.3)	6.6	2.90	425	0.69	2	23.16
EZRI_HUMAN	69.4	5.9	1	100.1 (M:10.3)	4.1	1.28	426	1.34	3	16.26
2B1G_HUMAN	30.0	8.9	9	100.0 (M:10.3)	9.8	2.93	427	0.92	3	19.16
RL12_HUMAN	17.8	10.3	1	99.8 (M:99.83)	10.3	1.49	428	0.85	3	5.65
PLOD2_HUMAN	84.6	6.2	1	99.4 (M:99.42)	3.5	242.05	429	0.67	1	

SH3L3_HUMAN	10.4	4.7	1	99.3 (M:99.32	18.3	3.26	430	0.80	2	0.17
PDLI1_HUMAN	36.0	6.6	1	98.5 (M:98.52	6.4	1.90	431	0.79	2	18.10
RAB7A_HUMAN	23.5	7.2	1	98.4 (M:98.42	10.1	1.72	432	0.87	2	4.57
S10AB_HUMAN	11.7	7.5	1	98.3 (M:98.32	8.6	2.38	433	0.81	2	8.39
CALU_HUMAN	37.1	4.3	1	98.2 (M:98.23	7.9	1.64	434	1.04	3	10.03
PUR6_HUMAN	47.0	7.7	1	98.0 (M:98.03	5.6	3.27	435	0.96	3	47.99
HAP28_HUMAN	20.6	9.4	8	97.9 (M:97.93	13.3	2.62	436	0.75	3	36.74
CLCA4_HUMAN	101.2	5.2	1	97.8 (M:97.82	2.0	2.45	437	1.52	2	13.70
RL23_HUMAN	14.9	11.2	1	97.8 (M:97.82	12.9	3.37	438	0.78	2	19.48
ACTZ_HUMAN	42.6	6.2	2	97.7 (M:97.73	3.2	2.15	439	1.14	2	13.78
AOC3_HUMAN	84.6	6.1	2	97.5 (M:97.53	3.7	1.80	440	1.90	3	7.65
LV106_HUMAN	11.7	6.9	5	97.2 (M:97.22	16.5	3.23	441	1.16	2	0.09
P4HA2_HUMAN	60.9	5.4	1	96.9 (M:96.93	4.5	2.53	442	0.74	3	29.47
LSM2_HUMAN	10.8	6.1	1	96.7 (M:96.71	20.0	303.80	443			
PSME1_HUMAN	28.7	5.7	1	96.5 (M:96.53	11.6	3.58	444	0.52	3	25.04
HNRP1_HUMAN	77.5	9.6	1	96.0 (M:96.02	3.7	3.59	445	1.44	1	
DDX17_HUMAN	72.3	9.5	2	95.7 (M:95.73	3.8	1.37	446	0.70	3	33.48
GNS_HUMAN	62.0	9.4	1	95.4 (M:95.43	5.4	2.52	447	0.71	3	9.10
EHD2_HUMAN	61.1	6.0	1	95.1 (M:95.13	5.3	3.27	448	1.21	2	12.21
PLBL1_HUMAN	63.2	9.5	1	94.9 (M:94.92	3.3	3.44	449	0.55	2	8.68
FETUA_HUMAN	39.3	5.4	1	94.9 (M:94.92	4.6	0.72	450	1.63	2	11.02
ODP2_HUMAN	69.0	8.9	1	93.9 (M:93.93	3.9	4.74	451	1.15	3	14.64
GLYM_HUMAN	56.0	9.5	1	93.4 (M:93.41	3.4	0.65	452			
FBLN5_HUMAN	50.1	4.4	1	93.1 (M:93.13	5.6	3.24	453	0.83	3	30.89
PGM1_HUMAN	61.4	6.3	1	93.1 (M:93.13	5.2	1.25	454	1.01	3	28.81
C4BPA_HUMAN	67.0	7.9	1	92.7 (M:92.73	4.0	1.65	455	1.49	3	29.04
PLBL2_HUMAN	65.4	6.4	1	92.7 (M:92.73	3.6	3.01	456	0.74	3	14.61
RPN1_HUMAN	68.5	5.9	1	92.6 (M:92.62	3.1	1.24	457	1.22	1	
FKB1A_HUMAN	11.9	9.1	1	92.6 (M:92.62	25.0	1.78	458	0.74	2	15.32
2B1F_HUMAN	29.9	8.9	4	92.3 (M:92.33	9.8	1.64	459	0.92	3	19.17
CECR1_HUMAN	58.9	8.6	1	92.1 (M:92.12	3.3	1.22	460	0.87	2	31.35
MYO6_HUMAN	149.6	9.5	1	91.7 (M:91.71	1.5	2.88	461			
DPP3_HUMAN	82.5	4.9	1	91.7 (M:91.73	3.0	2.49	462	0.96	3	12.75
PSME3_HUMAN	29.5	5.6	1	91.5 (M:91.51	5.9	1.80	463			
PHB2_HUMAN	33.3	10.2	1	91.4 (M:91.41	6.4	0.40	464			
PGAM2_HUMAN	28.7	9.6	2	91.3 (M:91.32	4.0	2.03	465	0.88	2	9.87

DJC10_HUMAN	91.0	6.9	1	91.2 (M:91.22	2.0	0.74	466	1.01	2	9.92
FCN2_HUMAN	34.0	6.4	2	91.0 (M:91.03	8.0	1.75	467	0.88	3	11.54
RL13_HUMAN	24.2	12.2	1	90.9 (M:90.92	8.5	2.53	468	1.26	2	16.40
ANGT_HUMAN	53.1	5.9	1	90.7 (M:90.73	5.2	2.97	469	1.26	3	12.67
APOC1_HUMAN	9.3	9.3	1	90.2 (M:90.23	30.1	1.92	470	1.47	3	36.28
FCGBP_HUMAN	571.6	5.0	1	90.1 (M:90.12	0.3	2.18	471	1.08	2	2.75
GELS_HUMAN	85.6	5.9	1	90.0 (M:90.02	2.0	1.64	472	0.96	2	1.58
TSP2_HUMAN	129.9	4.5	1	89.9 (M:89.92	2.0	4.45	473	0.38	2	15.44
APOE_HUMAN	36.1	5.5	1	89.9 (M:89.93	7.9	1.58	474	1.14	3	12.71
REEP5_HUMAN	21.5	9.1	1	89.7 (M:89.72	9.5	0.63	475	0.91	2	7.37
S10A4_HUMAN	11.7	5.8	1	89.6 (M:89.62	16.8	1.27	476	1.28	2	0.58
ETFB_HUMAN	27.8	9.2	1	89.6 (M:89.63	10.2	1.82	477	1.02	3	4.19
2B1C_HUMAN	29.9	9.0	2	89.5 (M:89.53	8.3	1.40	478	0.82	3	10.08
ECHA_HUMAN	82.9	9.8	1	89.4 (M:89.42	2.4	0.84	479	1.14	2	15.44
PTGR1_HUMAN	35.8	9.2	1	89.2 (M:89.22	10.9	249.63	480	0.86	1	
AFAM_HUMAN	69.0	5.6	1	89.2 (M:89.23	3.5	2.94	481	1.43	3	10.02
LPLC1_HUMAN	52.4	6.9	1	88.9 (M:88.92	3.9	1.49	482	1.92	2	10.02
ARSA_HUMAN	53.6	5.6	1	88.9 (M:88.93	4.7	3.67	483	0.80	3	23.83
RL4_HUMAN	47.7	11.8	1	88.4 (M:88.42	5.4	2.24	484	0.90	1	
APMAP_HUMAN	46.5	5.8	1	88.1 (M:88.12	4.6	0.15	485	1.35	2	5.81
RS23_HUMAN	15.8	11.3	1	87.9 (M:87.92	23.1	273.69	486	0.72	1	
ANX11_HUMAN	54.4	8.5	2	87.8 (M:87.83	5.1	2.61	487	0.85	3	16.65
ROA2_HUMAN	37.4	9.3	1	87.7 (M:87.73	6.8	3.40	488	0.64	3	5.71
HV315_HUMAN	13.1	9.2	4	87.0 (M:87.02	23.9	1.27	489	0.62!	1	
SSBP_HUMAN	17.2	9.9	1	87.0 (M:87.02	10.8	1.30	490	0.92	2	11.44
INVO_HUMAN	68.4	4.5	2	86.9 (M:86.93	3.8	1.64	491	2.05	3	12.42
CNPY3_HUMAN	30.7	5.2	1	86.8 (M:86.82	5.8	3.09	492	1.03	2	10.77
PABP1_HUMAN	70.6	10.0	3	86.8 (M:86.83	2.7	1.23	493	0.60	3	46.24
EXOS4_HUMAN	26.4	6.1	1	86.4 (M:86.42	8.2	0.66	494			
ZC3HF_HUMAN	48.6	5.1	1	86.3 (M:86.31	3.3	6.57	495			
APOC2_HUMAN	11.3	4.5	1	86.3 (M:86.32	17.8	3.54	496	1.24	2	3.44
PPIB_HUMAN	23.7	9.9	1	86.1 (M:86.12	10.2	1.02	497	0.87	2	8.99
rndRUFY1_HUMA	79.8	5.5	10	86.0 (M:86.02	1.8	4.14	498	1.21	2	25.25
NUCKS_HUMAN	27.3	4.8	1	85.4 (M:85.42	6.6	5.44	499	0.57	2	18.98
RRAS2_HUMAN	23.4	5.7	2	85.1 (M:85.11	7.8	1.36	500			
TIMP1_HUMAN	23.2	9.8	1	85.0 (M:85.02	10.1	3.63	501	0.50	2	1.98

SFRS7_HUMAN	27.4	12.4	1	84.8 (M:84.82	13.9	3.88	502	1.07	1	
RPN2_HUMAN	69.2	5.4	1	84.8 (M:84.81	2.7	389.79	503			
ATPB_HUMAN	56.5	5.1	1	84.7 (M:84.72	3.6	0.92	504	1.04	2	8.80
GRN_HUMAN	63.5	6.5	1	84.5 (M:84.52	3.4	1.53	505	0.82	2	34.30
HBG2_HUMAN	16.1	6.8	2	84.3 (M:84.32	15.6	1.97	506	1.06	2	20.83
NAGAB_HUMAN	46.5	4.8	1	84.2 (M:84.22	5.6	0.96	507	0.70	2	12.01
PRS8_HUMAN	45.6	7.8	1	83.6 (M:83.62	4.9	1.19	508	0.98	2	21.49
LIPG_HUMAN	45.2	7.0	1	83.5 (M:83.52	4.5	2.83	509	3.78!	1	
RPAC1_HUMAN	39.2	5.2	1	83.3 (M:83.31	4.6	1.16	510			
ITAV_HUMAN	116.0	5.3	1	83.1 (M:83.12	1.7	3.31	511	1.06	2	18.13
MANBA_HUMAN	100.8	5.2	1	83.0 (M:83.02	1.7	5.28	512	0.60	2	5.88
RAP1A_HUMAN	21.0	7.2	2	82.6 (M:82.62	9.2	1.90	513	1.09	2	6.36
SEM4B_HUMAN	92.1	6.6	1	82.5 (M:82.52	1.9	4.54	514	0.65	2	0.53
ELOB_HUMAN	13.1	4.6	1	82.5 (M:82.52	14.4	0.68	515	0.80	1	
STIP1_HUMAN	62.6	6.4	1	82.1 (M:82.12	2.8	1.03	516	0.91	2	9.90
GOLM1_HUMAN	45.3	4.8	1	81.9 (M:81.92	4.2	2.46	517	2.04	2	30.42
OCAD1_HUMAN	27.6	7.8	1	81.6 (M:81.61	5.3	0.58	518			
ZO2_HUMAN	133.9	7.1	1	81.3 (M:81.32	1.7	1.18	519	1.14	1	
JAG1_HUMAN	133.7	5.7	1	81.2 (M:81.22	1.2	1.31	520	0.79	2	2.62
VTDB_HUMAN	52.9	5.3	1	80.9 (M:80.92	3.2	1.58	521	1.42	2	11.59
SND1_HUMAN	101.9	6.8	1	80.7 (M:80.72	2.1	2.82	522	0.76	2	2.38
DNJC8_HUMAN	29.8	9.5	1	80.6 (M:80.62	6.7	1.43	523	1.04	2	3.41
ACBP_HUMAN	10.0	6.2	1	80.6 (M:80.62	17.2	0.49	524	1.02	2	5.06
S10AD_HUMAN	11.5	5.9	1	80.4 (M:80.42	15.3	1.11	525	1.26	2	17.14
HDGF_HUMAN	26.8	4.6	1	79.9 (M:79.92	7.9	1.64	526	0.39	2	25.93
CLIC1_HUMAN	26.9	4.9	1	79.8 (M:79.82	8.3	1.20	527	0.94	2	18.67
SHPS1_HUMAN	54.8	6.3	1	79.2 (M:79.22	3.4	1.10	528	0.60	2	10.27
SYAC_HUMAN	106.7	5.2	1	79.2 (M:79.22	1.8	1.86	529	0.81	2	35.75
PSMD2_HUMAN	100.1	4.9	1	79.1 (M:79.12	1.7	0.30	530	0.73	2	15.01
P3H1_HUMAN	83.3	4.9	1	79.0 (M:79.02	2.9	1.53	531	0.76	2	3.47
INF2_HUMAN	135.5	5.1	1	78.9 (M:78.91	1.0	5.54	532			
RL6_HUMAN	32.7	11.1	1	78.8 (M:78.82	6.2	0.74	533	0.85	2	14.87
ARPC2_HUMAN	34.3	7.0	1	78.6 (M:78.62	6.0	1.75	534	0.91	2	15.85
RL10_HUMAN	24.6	11.0	1	78.5 (M:78.52	18.7	264.91	535			
CATC_HUMAN	51.8	6.6	1	78.4 (M:78.42	4.1	2.64	536	1.01	2	27.66
SUMF2_HUMAN	33.8	8.9	1	78.4 (M:78.42	8.6	0.39	537	0.85	2	34.28

CADH5_HUMAN	87.5	5.1	1	78.3 (M:78.32	2.7	0.63	538	1.10	2	9.88
CO8B_HUMAN	67.0	9.5	1	78.2 (M:78.22	2.5	1.01	539	1.40	2	3.86
UB2L3_HUMAN	17.9	9.5	1	78.1 (M:78.12	9.7	2.18	540	0.55	2	17.97
QSOX1_HUMAN	82.5	9.9	1	78.1 (M:78.12	2.7	2.92	541	0.97	2	7.77
SF3B1_HUMAN	145.7	6.7	1	77.6 (M:77.62	2.8	187.99	542	0.75	1	
PAIRB_HUMAN	44.9	9.3	1	77.4 (M:77.42	5.1	2.48	543	0.93	2	20.94
CTNA1_HUMAN	100.0	5.9	1	77.3 (M:77.32	1.9	2.55	544	1.05	2	20.21
COPB_HUMAN	107.1	5.7	1	77.3 (M:77.32	2.0	2.39	545	0.80	2	24.12
CEAM5_HUMAN	76.7	5.3	2	76.6 (M:76.62	3.8	0.60	546	0.67	2	1.94
AL3A1_HUMAN	50.3	6.1	1	76.2 (M:76.22	3.5	0.47	547	1.09	2	28.42
MYOF_HUMAN	234.6	5.8	1	75.8 (M:75.82	1.1	248.99	548	1.17	1	
TMSL6_HUMAN	5.0	4.9	6	75.7 (M:75.72	29.5	1.70	549	0.64	2	28.09
CNOT3_HUMAN	81.8	5.8	1	75.7 (M:75.71	1.7	2.84	550			
TBCB_HUMAN	27.3	4.9	1	75.6 (M:75.62	7.0	1.84	551	1.17	2	43.19
CPSM_HUMAN	164.8	6.3	1	75.5 (M:75.51	0.9	1.10	552			
SPB13_HUMAN	44.2	5.4	1	75.4 (M:75.42	3.6	0.16	553	1.18	2	1.23
S10A9_HUMAN	13.2	5.7	1	75.3 (M:75.32	13.2	1.52	554	0.89	2	17.59
PLIN3_HUMAN	47.0	5.2	1	75.0 (M:75.02	4.8	2.82	555	0.66	2	10.66
PTPRK_HUMAN	162.0	5.5	1	74.4 (M:74.42	1.3	1.86	556	0.83	2	9.84
EFTU_HUMAN	49.5	7.9	1	74.3 (M:74.32	4.0	6.04	557	1.07	2	8.43
RS11_HUMAN	18.4	11.0	1	74.1 (M:74.12	10.1	1.85	558	1.04	2	18.37
PTBP1_HUMAN	57.2	9.8	2	74.0 (M:74.02	3.4	2.47	559	0.86	2	4.08
COIA1_HUMAN	178.1	5.6	1	74.0 (M:74.02	1.1	2.85	560	1.11	2	17.81
S10AA_HUMAN	11.2	7.7	1	73.9 (M:73.92	17.5	1.80	561	0.92	2	27.01
2DRA_HUMAN	28.6	4.8	3	73.9 (M:73.92	7.9	2.28	562	0.74	2	13.83
TCPG_HUMAN	60.5	6.1	1	73.7 (M:73.72	3.3	1.85	563	0.94	2	21.35
ANAG_HUMAN	82.1	6.1	1	73.4 (M:73.42	2.0	0.99	564	0.89	2	5.34
PTMS_HUMAN	11.5	4.0	1	73.4 (M:73.41	10.8	2.80	565	0.50	1	
RD23A_HUMAN	39.6	4.4	1	73.3 (M:73.32	4.7	5.30	566	0.93	2	3.78
H12_HUMAN	21.4	11.4	5	73.2 (M:73.22	12.7	0.28	567	0.49	2	31.55
FSCN1_HUMAN	54.5	7.0	1	73.1 (M:73.12	3.4	1.35	568	0.56	2	19.23
DAG1_HUMAN	97.4	9.4	1	73.1 (M:73.12	1.8	2.34	569	1.25	2	11.06
PTPRG_HUMAN	161.9	6.0	1	73.0 (M:73.02	1.4	1.51	570	0.91	2	18.68
PCYOX_HUMAN	56.6	5.8	1	73.0 (M:73.02	3.0	1.45	571	1.30	2	7.05
IF4A3_HUMAN	46.8	6.3	9	73.0 (M:73.02	4.4	2.20	572	0.72	1	
DDX6_HUMAN	54.4	9.6	1	73.0 (M:73.02	3.5	3.77	573	0.48	2	64.99

PPGB_HUMAN	54.4	6.2	1	72.9 (M:72.52	5.0	1.18	574	0.61	2	54.60
AACT_HUMAN	47.6	5.2	1	72.8 (M:72.82	3.5	3.89	575	2.28	2	28.87
ASC_HUMAN	21.6	5.9	1	72.8 (M:72.82	9.7	1.83	576	0.72	2	20.16
K1C20_HUMAN	48.5	5.4	2	72.5 (M:72.52	3.5	1.17	577	1.61	2	24.22
TEBP_HUMAN	18.7	4.2	1	72.4 (M:72.42	11.2	1.24	578	0.95	2	24.76
TM109_HUMAN	26.2	10.9	1	72.2 (M:72.22	8.6	1.50	579	1.33	2	15.08
CAZA1_HUMAN	32.9	5.4	1	72.2 (M:72.22	9.1	5.23	580	0.78!	1	
PURA_HUMAN	34.9	6.0	1	72.2 (M:72.22	4.7	1.17	581	1.74	2	2.65
RAB10_HUMAN	22.5	9.4	1	72.1 (M:72.12	9.0	1.07	582	1.16	2	0.01
AN32B_HUMAN	28.8	3.8	1	72.0 (M:72.02	8.0	1.97	583	0.91	2	0.18
HV103_HUMAN	13.0	10.1	3	71.8 (M:71.82	16.2	0.65	584	1.49	2	20.57
PLAK_HUMAN	81.7	5.7	2	71.7 (M:71.72	2.0	1.39	585	1.12	2	11.61
GCN1L_HUMAN	292.6	7.4	1	71.7 (M:71.72	0.7	1.18	586	0.80	1	
APOA2_HUMAN	11.2	7.1	1	71.4 (M:71.42	17.0	1.93	587	1.65	2	10.91
PARVA_HUMAN	42.2	5.6	1	71.3 (M:71.32	4.0	5.18	588	1.17	2	8.14
KCC2D_HUMAN	56.3	6.9	1	71.2 (M:71.21	2.6	1.22	589			
CYBP_HUMAN	26.2	9.0	1	71.0 (M:71.02	5.7	2.16	590	0.83	2	52.31
U2AF2_HUMAN	53.5	9.8	1	70.9 (M:70.92	3.8	1.49	591	0.90	2	23.10
RALY_HUMAN	32.4	9.6	1	70.7 (M:70.72	6.2	2.18	592	0.60	2	30.71
MSH6_HUMAN	152.7	6.5	1	70.4 (M:70.41	0.9	0.20	593			
CALL5_HUMAN	15.9	4.1	1	70.4 (M:70.42	13.0	4.33	594	0.48	2	10.06
SPB5_HUMAN	42.1	5.7	1	70.2 (M:70.22	6.1	2.04	595	0.93!	1	
QCR6_HUMAN	10.7	4.2	1	70.2 (M:70.21	19.8	389.14	596			
ABCE1_HUMAN	67.3	9.5	1	70.2 (M:70.22	2.3	2.83	597	0.93	2	15.94
NH2L1_HUMAN	14.2	9.7	1	70.1 (M:70.12	14.8	2.01	598	0.85	2	47.17
RL8_HUMAN	28.0	11.9	1	70.1 (M:70.12	7.0	0.77	599	0.75	2	8.60
CBG_HUMAN	45.1	5.6	1	70.0 (M:70.02	3.7	1.61	600	1.49	2	16.37
PSB7_HUMAN	29.9	8.8	1	70.0 (M:70.02	7.2	0.29	601	0.89	2	5.22
MIME_HUMAN	33.9	5.3	1	69.8 (M:69.82	5.7	6.16	602	1.94	2	4.74
FUBP1_HUMAN	67.5	7.8	1	69.8 (M:69.82	2.8	1.50	603	0.68	2	14.53
PDCD6_HUMAN	21.9	5.0	1	69.7 (M:69.72	7.3	1.06	604	1.31	2	5.88
HV316_HUMAN	12.8	9.6	2	69.7 (M:69.71	16.0	3.01	605			
PLMN_HUMAN	90.5	7.3	1	69.7 (M:69.72	2.1	2.26	606	1.70	2	18.32
SCRN1_HUMAN	46.4	4.5	1	69.6 (M:69.62	4.6	1.94	607	0.62	2	35.47
DSC2_HUMAN	99.9	5.1	1	69.5 (M:69.52	1.7	4.02	608	0.95	2	12.67
AL9A1_HUMAN	53.8	5.6	1	69.4 (M:69.41	2.2	2.38	609	1.87	1	

GRP75_HUMAN	73.6	5.8	1	69.4 (M:69.42	2.7	2.57	610	0.89	2	14.27
IF5A1_HUMAN	16.8	4.9	2	69.4 (M:69.42	10.4	517.83	611	0.96	2	1.96
IPYR_HUMAN	32.6	5.5	1	69.4 (M:69.42	3.5	1.75	612	0.97	2	15.94
DJB11_HUMAN	40.5	5.8	1	69.4 (M:69.42	4.5	1.74	613	0.79	2	18.34
CD9_HUMAN	25.4	7.7	1	69.4 (M:69.42	5.7	2.74	614	1.06	2	4.82
PPT1_HUMAN	34.2	6.1	1	69.3 (M:69.32	6.9	2.75	615	0.86	2	18.73
SPTB2_HUMAN	274.4	5.3	1	69.2 (M:69.22	0.6	3.56	616	1.08	2	2.92
PSB1_HUMAN	26.5	9.1	1	68.8 (M:68.82	7.5	0.78	617	0.72	2	11.26
PSA6_HUMAN	27.4	6.4	1	68.4 (M:68.42	8.9	1.00	618	0.77	2	31.17
TARSH_HUMAN	118.6	10.1	1	68.4 (M:68.42	1.8	5.81	619	1.43	2	10.77
DCD_HUMAN	11.3	6.1	1	68.3 (M:68.32	16.4	4.62	620	0.97	2	17.81
PSA5_HUMAN	26.4	4.6	1	68.1 (M:68.11	7.1	3.46	621	1.13	1	
IDI1_HUMAN	26.3	5.9	1	68.1 (M:68.11	8.8	254.47	622			
ERP29_HUMAN	29.0	7.5	1	67.9 (M:67.92	7.7	1.96	623	0.70	2	21.68
THTM_HUMAN	33.2	6.1	1	67.7 (M:67.72	6.1	0.82	624	1.01	2	0.33
RBM8A_HUMAN	19.9	5.4	1	67.5 (M:67.52	10.9	1.14	625	0.74	2	29.50
IGKC_HUMAN	11.6	5.5	1	67.3 (M:67.31	13.2	0.51	626	0.84!	1	
AT1A1_HUMAN	112.8	5.2	1	67.3 (M:67.31	1.3	0.43	627	1.37	1	
ELNE_HUMAN	28.5	12.2	1	66.7 (M:66.71	3.7	2.07	628	0.49	1	
CA2D1_HUMAN	124.5	5.0	1	66.6 (M:66.62	1.5	3.48	629	1.54	2	0.72
FBLN2_HUMAN	126.5	4.6	1	66.5 (M:66.52	1.7	1.27	630	1.05	2	8.77
PSA3_HUMAN	28.4	5.1	1	66.4 (M:66.41	7.5	1.40	631			
IDHP_HUMAN	50.9	9.6	1	66.3 (M:66.32	3.8	1.18	632	0.83	2	5.59
MX1_HUMAN	75.5	5.5	1	66.3 (M:66.32	2.4	1.91	633	0.84	2	2.22
rndSACS_HUMAN	520.8	6.7	4	65.8 (M:65.82	0.2	6.22	634	0.78	2	46.98
RL7_HUMAN	29.2	11.1	1	65.6 (M:65.62	7.7	1.33	635	0.98	2	1.00
CASP1_HUMAN	45.1	5.6	2	65.3 (M:65.32	4.5	2.42	636	0.95	2	16.59
ENPP6_HUMAN	50.2	8.9	1	65.1 (M:65.11	3.6	1.97	637			
PSA2_HUMAN	25.9	7.7	1	64.9 (M:64.92	6.0	1.72	638	0.71	2	3.51
EXOS7_HUMAN	31.8	4.9	1	64.8 (M:64.81	8.9	333.81	639			
MNDA_HUMAN	45.8	10.3	1	64.8 (M:64.82	2.9	5.96	640	0.71	2	36.77
VIGLN_HUMAN	141.4	6.4	1	64.7 (M:64.72	1.5	0.30	641	0.69	2	15.62
RA1L3_HUMAN	34.2	9.8	3	64.6 (M:64.62	4.7	3.89	642	0.60	2	5.73
NSF_HUMAN	82.5	6.6	1	64.6 (M:64.62	2.0	1.70	643	1.05	2	5.63
IF4B_HUMAN	69.1	5.4	1	64.4 (M:64.42	2.8	1.74	644	0.75	2	2.67
NASP_HUMAN	85.2	4.1	5	64.0 (M:64.02	2.0	3.50	645	0.81	2	3.57

FKBP3_HUMAN	25.2	9.8	1	63.9 (M:63.52	5.4	6.61	646	0.71	2	14.21
PSPC1_HUMAN	58.7	6.2	1	63.8 (M:63.82	2.5	3.36	647	1.01	2	23.57
LRC47_HUMAN	63.4	9.5	1	63.6 (M:63.62	2.9	1.86	648	0.72	2	6.36
BGLR_HUMAN	74.7	6.6	1	63.6 (M:63.62	2.0	3.38	649	0.94	2	12.36
F10A1_HUMAN	41.3	5.0	2	63.4 (M:63.42	4.3	2.40	650	1.07	2	20.28
EHD4_HUMAN	61.1	6.3	1	63.3 (M:63.31	2.0	1.21	651			
CTGE6_HUMAN	87.8	5.0	3	63.3 (M:63.31	2.6	0.73	652			
SKP1_HUMAN	18.6	4.2	1	63.2 (M:63.22	8.0	1.65	653	0.98	2	9.47
SAE1_HUMAN	38.4	5.0	1	63.2 (M:63.22	5.8	2.83	654	0.61!	1	
PP2AA_HUMAN	35.6	5.2	2	63.2 (M:63.22	5.2	1.33	655	1.12	2	1.79
ISLR_HUMAN	46.0	4.9	1	63.1 (M:63.12	4.9	0.99	656	0.76	2	11.86
AMPL_HUMAN	56.1	9.0	1	63.0 (M:63.02	2.5	2.40	657	0.79	2	13.85
HCD2_HUMAN	26.9	9.1	1	62.8 (M:62.81	3.8	3.56	658	0.81	1	
IGBP1_HUMAN	39.2	5.1	1	62.8 (M:62.81	2.9	2.03	659			
NPM_HUMAN	32.6	4.5	1	62.7 (M:62.72	5.4	3.44	660	0.92	2	23.18
OLM2B_HUMAN	83.9	4.9	1	62.6 (M:62.62	1.9	2.54	661	0.77	2	73.52
ARSB_HUMAN	59.6	9.2	1	62.6 (M:62.62	3.8	3.13	662	0.85	2	14.69
FKB10_HUMAN	64.2	5.3	1	62.5 (M:62.52	3.1	2.17	663	0.56	2	2.05
RS6_HUMAN	28.7	11.5	1	62.4 (M:62.42	8.0	1.40	664	0.81	2	15.09
FUMH_HUMAN	54.6	9.4	1	62.3 (M:62.31	1.8	0.55	665	0.70	1	
CCD37_HUMAN	71.1	6.7	2	62.0 (M:62.02	1.6	5.06	666	0.91	2	42.92
RCN2_HUMAN	36.9	4.1	1	61.9 (M:61.91	4.7	1.44	667			
ANFY1_HUMAN	128.3	5.7	1	61.6 (M:61.61	2.1	2.64	668			
IMUP_HUMAN	10.9	10.2	1	61.2 (M:61.21	9.4	0.54	669	0.91	1	
KLK13_HUMAN	30.6	9.8	1	61.2 (M:61.21	2.9	0.52	670	1.81	1	
RMD1_HUMAN	35.8	9.2	1	60.9 (M:60.91	3.2	0.71	671			
GPC1_HUMAN	61.6	7.8	1	60.9 (M:60.92	3.0	3.64	672	0.84	2	25.29
NUMA1_HUMAN	238.1	5.5	1	60.6 (M:60.62	0.6	1.74	673	0.70	2	6.46
RD23B_HUMAN	43.1	4.6	1	60.6 (M:60.62	3.9	1.10	674	0.92	2	2.27
KV119_HUMAN	11.6	7.8	1	60.5 (M:60.51	16.7	3.06	675	1.63	1	
PURA2_HUMAN	50.1	6.1	1	60.5 (M:60.51	4.6	252.34	676			
SBDS_HUMAN	28.7	9.7	1	60.5 (M:60.52	6.4	2.56	677	1.40	2	1.24
PKP1_HUMAN	82.8	10.1	1	60.5 (M:60.52	1.9	1.59	678	0.79	2	13.38
HNRPD_HUMAN	38.4	8.5	1	60.4 (M:60.42	5.9	4.45	679	0.84	2	11.30
ACSA_HUMAN	78.5	6.0	1	60.3 (M:60.32	2.0	6.00	680	1.63	2	43.47
ERAP2_HUMAN	110.4	6.3	1	60.3 (M:60.32	1.7	1.71	681	0.72	2	23.87

PRS6A_HUMAN	49.2	5.0	1	60.3 (M:60.32	3.9	0.74	682	0.67	2	6.37
VPS35_HUMAN	91.6	5.2	1	60.2 (M:60.22	1.8	5.80	683	0.87	2	7.01
TXND5_HUMAN	47.6	5.6	1	60.1 (M:60.12	3.9	2.20	684	1.00	2	11.12
LRP8_HUMAN	105.6	4.7	2	60.1 (M:60.12	1.6	2.61	685	0.94	2	25.31
SSRD_HUMAN	19.0	5.7	1	60.0 (M:60.01	6.4	1.75	686			
RL13A_HUMAN	23.6	11.5	1	60.0 (M:60.01	5.4	4.52	687			
SEPT7_HUMAN	50.6	9.4	1	60.0 (M:60.02	3.7	1.95	688	0.99	2	7.04
BPIL1_HUMAN	49.1	9.5	1	59.8 (M:59.82	3.1	1.82	689	2.03	2	9.28
CK5P3_HUMAN	56.9	4.5	1	59.7 (M:59.72	2.6	3.77	690	0.43	2	50.31
MARE1_HUMAN	30.0	4.9	2	59.4 (M:59.42	5.6	2.37	691	0.73	2	7.84
BIEA_HUMAN	33.4	6.0	1	59.4 (M:59.42	4.4	5.07	692	0.67	2	11.55
STAT3_HUMAN	88.0	5.9	1	59.4 (M:59.42	1.9	0.65	693	1.21	2	34.43
SUMO4_HUMAN	10.7	7.5	3	59.3 (M:59.31	12.6	3.43	694	0.83	1	
LMNA_HUMAN	74.1	6.6	1	59.3 (M:59.32	3.0	0.38	695	0.88	2	10.52
LV204_HUMAN	11.6	9.4	1	59.2 (M:59.22	7.2	3.29	696	0.50	2	35.47
RL3_HUMAN	46.1	10.8	1	59.1 (M:59.12	3.5	3.90	697	0.85	2	19.09
ALS_HUMAN	66.0	6.4	1	59.0 (M:59.02	3.1	5.05	698	0.98	2	5.37
PVRL1_HUMAN	57.1	5.7	1	59.0 (M:59.02	3.3	2.72	699	0.68	2	13.64
H33_HUMAN	15.3	11.9	5	59.0 (M:59.02	10.3	3.19	700	0.80	2	15.50
NIBAN_HUMAN	103.1	4.6	1	58.9 (M:58.92	1.5	2.05	701	1.09	2	15.92
FRIH_HUMAN	21.2	5.2	1	58.8 (M:58.82	9.8	1.92	702	0.97	2	5.44
SPIT1_HUMAN	58.4	5.9	1	58.8 (M:58.82	3.6	1.17	703	0.98	2	30.80
SC11A_HUMAN	20.6	9.9	1	58.7 (M:58.71	6.1	0.53	704			
NONO_HUMAN	54.2	9.6	1	58.6 (M:58.62	3.0	2.99	705	0.58	2	33.45
CX7A2_HUMAN	9.4	10.1	1	58.6 (M:58.61	15.7	1.05	706			
GALNS_HUMAN	58.0	6.3	1	58.4 (M:58.42	3.6	2.32	707	0.58	2	13.74
1A74_HUMAN	40.9	6.0	18	58.4 (M:58.42	5.2	3.41	708	0.89	2	53.31
rndTT21A_HUMA	150.8	6.9	1	58.3 (M:58.31	1.1	6.55	709	0.62	1	
KAP0_HUMAN	43.0	5.1	2	58.3 (M:58.32	4.5	1.71	710	1.12	2	12.74
CO9_HUMAN	63.1	5.3	1	58.2 (M:58.22	2.9	3.05	711	1.61	2	5.87
CD47_HUMAN	35.2	7.6	1	58.1 (M:58.11	3.4	2.45	712	1.08	1	
PSB2_HUMAN	22.8	6.6	1	58.1 (M:58.11	5.0	2.86	713	1.02	1	
DRB4_HUMAN	29.9	7.7	1	58.1 (M:58.12	6.4	1.53	714	0.72	2	1.61
TBCK_HUMAN	100.6	6.1	1	58.1 (M:58.11	1.3	1.27	715	1.30	1	
APOA_HUMAN	501.0	5.5	1	58.0 (M:58.01	0.2	0.42	716	1.41	1	
PP1B_HUMAN	37.2	5.8	1	57.9 (M:57.91	4.0	2.95	717			

SYRC_HUMAN	75.3	6.3	1	57.8 (M:57.82	2.6	4.08	718	0.93	2	16.50
DDAH2_HUMAN	29.6	5.6	2	57.8 (M:57.82	5.6	0.42	719	1.02	2	1.82
SC23A_HUMAN	86.1	6.7	2	57.8 (M:57.81	1.8	2.70	720			
SAHH_HUMAN	47.7	5.9	1	57.5 (M:57.51	2.1	1.27	721	0.81	1	
rndNEBU_HUMAN	772.5	9.5	1	57.1 (M:57.12	0.2	0.85	722	1.07	2	0.02
ARF6_HUMAN	20.1	9.6	1	57.1 (M:57.12	9.7	1.44	723	0.91	2	32.14
METK2_HUMAN	43.6	6.0	1	57.1 (M:57.12	3.0	3.37	724	0.81	2	4.11
SERA_HUMAN	56.6	6.3	1	57.0 (M:57.01	2.1	3.23	725	1.61	1	
SPHM_HUMAN	56.7	6.5	1	56.5 (M:56.52	4.6	1.48	726	0.85	2	20.07
RS3_HUMAN	26.7	10.3	1	56.5 (M:56.52	8.2	323.83	727	0.84	2	20.01
CBR1_HUMAN	30.4	9.5	2	56.2 (M:56.22	4.7	3.44	728	0.82	2	18.40
NEO1_HUMAN	159.9	6.1	1	55.9 (M:55.92	1.0	2.36	729	0.79	2	9.15
THRB_HUMAN	70.0	5.6	1	55.9 (M:55.92	3.2	5.06	730	1.20	2	20.63
HNRPU_HUMAN	90.5	5.7	1	55.7 (M:55.72	1.6	2.44	731	0.70	2	8.90
MAGBI_HUMAN	38.5	7.0	1	55.7 (M:55.72	3.5	1.56	732	0.96	2	22.24
rndBPAEA_HUMAN	590.6	5.4	1	55.6 (M:55.62	0.3	2.20	733	0.90	2	7.41
F125A_HUMAN	28.8	9.9	1	55.4 (M:55.41	6.2	3.37	734			
DHX15_HUMAN	90.9	7.4	1	55.2 (M:55.21	1.6	2.53	735			
RAB14_HUMAN	23.9	5.8	1	55.2 (M:55.21	3.7	2.19	736	0.69	1	
rndHYDIN_HUMAN	575.5	5.7	1	54.8 (M:54.82	0.3	5.66	737	1.02	2	17.79
TM9S2_HUMAN	75.7	7.8	1	54.6 (M:54.61	2.6	0.71	738			
CATA_HUMAN	59.7	7.0	1	54.4 (M:54.41	1.9	2.83	739	0.94	1	
DNJB1_HUMAN	38.0	9.4	1	54.4 (M:54.42	4.4	0.66	740	0.95	2	32.27
MK13_HUMAN	42.1	9.1	1	54.3 (M:54.32	3.8	0.62	741	1.52	2	9.11
RL18_HUMAN	21.6	12.3	1	54.3 (M:54.31	6.9	0.21	742	1.03	1	
ANM1_HUMAN	41.5	5.1	2	54.3 (M:54.31	2.2	0.03	743	0.83	1	
OAS3_HUMAN	121.1	9.7	1	54.2 (M:54.22	1.4	2.79	744	0.77	2	1.44
EXOC2_HUMAN	104.0	6.5	1	54.1 (M:54.12	1.5	1.72	745	0.74	2	15.00
ATNG_HUMAN	7.3	9.2	1	54.0 (M:54.01	21.2	0.54	746			
ANXA3_HUMAN	36.4	5.5	1	53.7 (M:53.71	2.8	1.82	747			
GFPT1_HUMAN	78.8	6.7	2	53.4 (M:53.42	1.9	4.76	748	0.76	2	7.52
PRKDC_HUMAN	468.8	6.8	1	53.4 (M:53.42	0.5	2.75	749	0.48	1	
CLCB_HUMAN	25.2	4.4	1	53.3 (M:53.31	3.9	1.18	750	0.74	1	
UBA6_HUMAN	117.9	5.7	1	53.3 (M:53.31	0.8	1.33	751	0.70	1	
NOMO3_HUMAN	134.1	5.4	3	53.2 (M:53.22	1.3	3.31	752	0.67	2	22.69
DIAP1_HUMAN	141.3	5.2	1	53.2 (M:53.21	0.9	3.49	753	0.56	1	

LV001_HUMAN	12.4	7.5	1	52.9 (M:52.9)1	7.7	2.58	754	1.37	1	
SORCN_HUMAN	21.7	5.2	1	52.8 (M:52.8)2	9.6	0.71	755	0.96	2	22.29
rndPMFBP_HUMA	119.0	5.9	1	52.7 (M:52.7)2	1.6	2.51	756	3.80!	1	
CLH1_HUMAN	191.5	5.4	1	52.6 (M:52.6)2	1.1	2.60	757	0.71	2	13.51
CNTN1_HUMAN	113.2	5.5	1	52.5 (M:52.5)2	1.9	1.54	758	1.40	2	6.46
ACON_HUMAN	85.4	7.9	1	52.5 (M:52.5)2	2.2	3.76	759	1.01	1	
SLK_HUMAN	142.6	4.9	1	52.2 (M:52.2)1	0.9	1.47	760	0.52	1	
YKT6_HUMAN	22.4	6.5	1	52.1 (M:52.1)2	7.6	2.93	761	0.80	2	5.18
MATR3_HUMAN	94.6	5.8	2	52.0 (M:52.0)2	1.3	2.03	762	0.66	2	9.81
MIA3_HUMAN	213.6	4.6	1	52.0 (M:52.0)2	0.7	4.59	763	0.63	2	6.40
SYG_HUMAN	83.1	6.7	1	51.9 (M:51.9)1	1.1	1.57	764	0.70	1	
COPD_HUMAN	57.2	5.8	1	51.8 (M:51.8)1	2.0	0.05	765	1.15	1	
MARE2_HUMAN	37.0	5.3	1	51.8 (M:51.8)2	4.3	1.90	766	0.87	2	24.72
LTBP1_HUMAN	186.7	5.6	1	51.8 (M:51.8)1	0.5	2.13	767	0.82	1	
UB2V1_HUMAN	16.5	9.0	1	51.7 (M:51.7)1	6.1	1.98	768	0.81	1	
NEDD8_HUMAN	9.1	9.1	1	51.4 (M:51.4)2	18.5	2.37	769	0.95	2	3.02
SRP14_HUMAN	14.6	10.6	1	51.1 (M:51.1)1	5.9	3.01	770	0.82	1	
PSB9_HUMAN	23.2	4.8	1	50.9 (M:50.9)1	4.6	1.77	771	0.78	1	
PALLD_HUMAN	150.4	6.7	1	50.2 (M:50.2)2	1.4	2.22	772	1.00	2	9.86
S100P_HUMAN	10.4	4.6	1	50.0 (M:50.0)1	10.5	1.05	773	1.03	1	
TM9S3_HUMAN	67.8	7.0	1	49.6 (M:49.6)1	1.4	0.82	774	0.83	1	
ZN185_HUMAN	49.2	5.1	1	49.4 (M:49.4)1	2.0	3.04	775	1.07	1	
S10AC_HUMAN	10.6	5.8	1	49.2 (M:49.2)1	8.7	6.61	776	0.31	1	
EIF3F_HUMAN	37.5	5.1	1	49.1 (M:49.1)1	2.5	0.07	777	1.25	1	
LRRC1_HUMAN	59.2	4.8	2	49.0 (M:49.0)1	2.5	3.38	778			
CC85C_HUMAN	45.2	6.5	1	49.0 (M:49.0)1	2.4	3.21	779			
RL28_HUMAN	15.7	12.6	1	48.9 (M:48.9)1	8.0	1.22	780	1.08	1	
KV309_HUMAN	12.6	4.7	1	48.5 (M:48.5)1	7.8	1.96	781	1.82	1	
RCC2_HUMAN	56.0	9.9	1	48.5 (M:48.5)1	1.7	1.20	782	1.03	1	
FUBP3_HUMAN	61.6	9.4	1	48.5 (M:48.5)1	1.4	0.03	783	0.91	1	
ADT3_HUMAN	32.8	10.3	4	48.5 (M:48.5)1	2.7	0.86	784	1.44	1	
PSA4_HUMAN	29.5	8.7	1	48.4 (M:48.4)1	3.1	3.00	785	0.67	1	
AKA12_HUMAN	191.4	4.2	1	48.3 (M:48.3)1	1.1	2.30	786			
GSHB_HUMAN	52.4	5.6	1	48.1 (M:48.1)1	1.9	0.19	787	1.13	1	
VATF_HUMAN	13.4	5.2	1	48.0 (M:48.0)1	10.1	1.65	788			
FUS_HUMAN	53.4	9.7	2	48.0 (M:48.0)1	1.7	2.23	789	0.72	1	

CHM1A_HUMAN	21.7	9.0	1	48.0 (M:48.0)	4.6	1.52	790		
IF2P_HUMAN	138.7	5.3	1	47.4 (M:47.4)	0.8	1.11	791	1.02	1
INO1_HUMAN	61.0	5.4	1	47.4 (M:47.4)	1.6	0.57	792	1.00	1
CD44_HUMAN	81.5	5.0	1	47.3 (M:47.3)	1.2	2.91	793	1.35	1
CN166_HUMAN	28.1	6.2	1	47.0 (M:47.0)	3.3	0.45	794	0.91	1
DCTN1_HUMAN	141.6	5.5	1	47.0 (M:47.0)	0.9	1.37	795		
CREL2_HUMAN	38.2	4.4	1	47.0 (M:47.0)	2.8	1.98	796	1.04	1
EDF1_HUMAN	16.4	10.4	1	46.9 (M:46.9)	8.1	1.27	797		
SFRS9_HUMAN	25.5	9.2	1	46.7 (M:46.7)	3.6	1.49	798		
LGMN_HUMAN	49.4	6.1	1	46.3 (M:46.3)	1.8	3.56	799	0.70	1
HTAI2_HUMAN	27.1	9.6	1	46.2 (M:46.2)	3.3	2.42	800	1.17	1
HINT1_HUMAN	13.8	6.5	1	45.9 (M:45.9)	5.6	0.84	801	0.73	1
DLDH_HUMAN	54.1	8.9	1	45.7 (M:45.7)	2.2	0.25	802	1.05	1
GMFB_HUMAN	16.7	5.1	1	45.6 (M:45.6)	7.7	2.79	803		
DDR1_HUMAN	101.1	6.4	1	45.5 (M:45.5)	1.0	1.22	804	1.11	1
ERF3A_HUMAN	55.7	5.3	1	45.5 (M:45.5)	2.0	1.78	805	0.91	1
NEB2_HUMAN	89.1	4.8	1	45.5 (M:45.5)	2.6	2.95	806		
ODPB_HUMAN	39.2	6.2	1	45.3 (M:45.3)	1.9	5.43	807	1.44	1
F13A_HUMAN	83.2	5.7	1	45.0 (M:45.0)	1.2	0.66	808	1.70	1
DSG2_HUMAN	122.2	5.0	1	45.0 (M:45.0)	0.6	0.59	809	0.56	1
COMP_HUMAN	82.8	4.2	2	44.9 (M:44.9)	1.3	0.13	810	0.78	1
THSD4_HUMAN	112.4	9.2	1	44.8 (M:44.8)	1.0	2.33	811	1.16	1
BPNT1_HUMAN	33.4	5.4	1	44.6 (M:44.6)	2.6	0.75	812	0.99	1
ERH_HUMAN	12.3	5.6	1	44.3 (M:44.3)	10.6	0.11	813	0.80	1
BST1_HUMAN	35.7	9.1	1	44.3 (M:44.3)	2.2	3.64	814	0.83	1
OFUT2_HUMAN	49.9	6.2	1	44.2 (M:44.2)	1.6	1.69	815	0.88	1
ALDR_HUMAN	35.8	6.6	1	43.6 (M:43.6)	2.5	0.27	816	0.77	1
BGAL_HUMAN	76.0	6.1	1	43.5 (M:43.5)	2.2	2.67	817	0.79	1
S10A7_HUMAN	11.5	6.4	1	43.2 (M:43.2)	10.9	0.49	818	0.65	1
TES_HUMAN	48.0	9.1	1	43.2 (M:43.2)	2.4	0.08	819	0.84	1
CH3L1_HUMAN	42.6	9.4	1	43.2 (M:43.2)	2.9	0.96	820	0.92	1
HAUS1_HUMAN	31.8	5.3	1	43.1 (M:43.1)	4.0	3.10	821		
SMYD5_HUMAN	47.3	4.8	1	43.0 (M:43.0)	2.9	0.56	822		
AMRP_HUMAN	41.4	9.2	1	42.7 (M:42.7)	2.2	2.40	823	1.08	1
PARP1_HUMAN	113.0	9.6	1	42.6 (M:42.6)	1.0	4.59	824	0.74	1
ENTP5_HUMAN	47.5	5.9	1	42.4 (M:42.4)	1.6	3.49	825	1.93	1

ENAH_HUMAN	66.5	6.5	1	42.4 (M:42.41	1.9	2.47	826	0.43	1
GGCT_HUMAN	21.0	4.9	1	42.3 (M:42.31	5.3	1.37	827	0.59	1
CHSP1_HUMAN	15.9	9.5	1	42.3 (M:42.31	5.4	3.60	828	0.97	1
TCPO_HUMAN	59.6	5.3	1	42.2 (M:42.21	2.2	0.92	829		
RFA3_HUMAN	13.6	4.8	1	42.2 (M:42.21	6.6	0.11	830		
L1CAM_HUMAN	139.9	5.8	1	42.1 (M:42.11	0.8	3.05	831	2.24	1
SSBP3_HUMAN	40.4	6.4	1	42.1 (M:42.11	2.8	1.35	832	1.08	1
RABP2_HUMAN	15.7	5.2	1	42.0 (M:42.01	6.5	1.63	833	2.14	1
LV403_HUMAN	11.5	6.9	1	41.9 (M:41.91	17.8	0.28	834		
ADA_HUMAN	40.7	5.6	1	41.8 (M:41.81	2.5	2.55	835	0.98	1
PLXD1_HUMAN	212.0	6.9	1	41.7 (M:41.71	0.5	1.88	836	1.08	1
CO5A2_HUMAN	144.8	6.0	1	41.5 (M:41.51	0.5	5.18	837	0.51	1
PUR8_HUMAN	54.9	6.8	1	41.4 (M:41.41	2.3	0.32	838	1.12	1
MTPN_HUMAN	12.9	5.2	1	41.1 (M:41.11	14.4	1.23	839		
PCBP1_HUMAN	37.5	6.8	1	41.1 (M:41.11	2.5	1.53	840	1.08	1
RAB5C_HUMAN	23.5	9.5	1	40.9 (M:40.91	5.6	0.83	841	1.05	1
NTF2_HUMAN	14.5	5.0	1	40.8 (M:40.81	6.3	2.86	842	1.15	1
NP1L4_HUMAN	42.8	4.4	1	40.7 (M:40.71	2.9	2.02	843	1.27	1
PSMD3_HUMAN	60.9	9.0	1	40.6 (M:40.61	1.9	0.73	844	1.47	1
DHE3_HUMAN	61.4	8.5	2	40.5 (M:40.51	2.2	2.54	845		
VTNC_HUMAN	54.3	5.5	1	40.5 (M:40.51	2.1	1.45	846	1.26	1
KV113_HUMAN	11.8	9.2	4	40.4 (M:40.41	8.3	0.87	847	1.20	1
PRS27_HUMAN	31.9	9.7	1	40.4 (M:40.41	3.4	3.15	848	1.74	1
rndYBOX2_HUMAN	38.5	11.4	1	40.2 (M:40.21	2.2	0.14	849	1.16	1
EIF3L_HUMAN	66.7	5.9	1	40.2 (M:40.21	1.6	3.76	850	1.01	1
CNPY2_HUMAN	20.6	4.7	1	40.2 (M:40.21	8.2	0.52	851		
CCD80_HUMAN	108.1	10.2	1	40.0 (M:40.01	0.8	4.82	852	0.66	1
RL11_HUMAN	20.2	10.3	1	39.8 (M:39.81	5.1	2.09	853	1.32	1
P3H3_HUMAN	81.8	5.9	1	39.8 (M:39.81	1.4	0.07	854	2.10	1
RLA2_HUMAN	11.7	4.2	1	39.8 (M:39.81	10.4	1.24	855	1.21	1
TMEDA_HUMAN	25.0	7.8	1	39.8 (M:39.81	7.3	0.32	856		
CUL5_HUMAN	90.9	8.9	1	39.8 (M:39.81	1.0	1.57	857	0.98	1
UD11_HUMAN	59.6	9.1	9	39.6 (M:39.61	1.9	3.75	858	1.33	1
PURB_HUMAN	33.2	5.2	1	39.6 (M:39.61	2.6	0.98	859	1.44	1
1B45_HUMAN	40.4	6.0	8	39.6 (M:39.61	2.5	1.75	860	0.85	1
GMPR1_HUMAN	37.4	6.7	1	39.5 (M:39.51	4.3	642.20	861		

PLTP_HUMAN	54.7	6.6	1	39.5 (M:39.5)	2.0	2.42	862	1.06	1
SYTC_HUMAN	83.4	6.2	1	39.3 (M:39.3)	1.8	0.97	863		
GLRX1_HUMAN	11.8	9.7	1	39.2 (M:39.2)	10.4	0.65	864	0.79	1
PPAP_HUMAN	44.5	5.8	1	39.2 (M:39.2)	2.1	1.34	865	1.89	1
ARPC4_HUMAN	19.7	9.4	1	39.2 (M:39.2)	4.8	0.86	866	0.86	1
PTRF_HUMAN	43.4	5.4	1	39.2 (M:39.2)	2.3	2.00	867	2.37	1
RCL_HUMAN	19.1	4.8	1	39.2 (M:39.2)	10.3	1.92	868		
SYWC_HUMAN	53.1	5.8	1	39.2 (M:39.2)	1.7	1.80	869	0.53	1
GLCM_HUMAN	59.7	7.9	1	39.0 (M:39.0)	1.5	0.15	870	0.73	1
GSHR_HUMAN	56.2	9.6	1	38.7 (M:38.7)	1.5	4.08	871	0.59	1
CD63_HUMAN	25.6	9.5	1	38.6 (M:38.6)	3.4	1.76	872	1.12	1
AP2B1_HUMAN	104.5	5.1	2	38.6 (M:38.6)	0.9	3.61	873	1.19	1
CSRP2_HUMAN	20.9	10.0	1	38.5 (M:38.5)	5.2	2.30	874	0.66	1
SEM4D_HUMAN	96.1	9.2	1	38.4 (M:38.4)	0.9	4.60	875	0.77	1
RS8_HUMAN	24.2	11.0	1	38.3 (M:38.3)	3.4	0.05	876	0.87	1
IBP7_HUMAN	29.1	9.6	1	38.1 (M:38.1)	2.5	3.84	877	0.61	1
COPA_HUMAN	138.3	8.5	1	38.0 (M:38.0)	0.8	0.95	878	0.79	1
CTHR1_HUMAN	26.2	9.5	1	37.9 (M:37.9)	3.3	3.69	879	0.33	1
SNX5_HUMAN	46.8	6.3	1	37.9 (M:37.9)	2.0	0.49	880	0.72	1
SF3B2_HUMAN	97.6	5.4	1	37.9 (M:37.9)	1.3	0.24	881	0.40	1
RS21_HUMAN	9.1	9.7	1	37.8 (M:37.8)	8.4	5.48	882	0.71	1
CO6A5_HUMAN	289.7	6.5	1	37.7 (M:37.7)	0.2	4.06	883	2.95	1
ARRC_HUMAN	42.8	5.4	1	37.7 (M:37.7)	1.8	7.22	884	1.31	1
NPL4_HUMAN	68.1	5.9	1	37.7 (M:37.7)	1.5	0.49	885	0.56	1
AHSA1_HUMAN	38.3	5.3	1	37.7 (M:37.7)	2.1	2.81	886	0.98	1
rndENPL_HUMAN	92.4	4.6	1	37.7 (M:37.7)	1.0	4.87	887	1.85	1
RO60_HUMAN	60.6	9.2	1	37.6 (M:37.6)	1.5	1.10	888	0.94	1
TPSN_HUMAN	47.6	6.8	1	37.5 (M:37.5)	2.0	2.04	889	0.93	1
RL34_HUMAN	13.3	12.4	1	37.5 (M:37.5)	6.8	0.14	890	1.11	1
DOPD_HUMAN	12.7	7.8	2	37.5 (M:37.5)	6.8	1.06	891	0.89	1
OTUB1_HUMAN	31.3	4.7	1	37.5 (M:37.5)	3.3	0.18	892	1.46	1
MA2A1_HUMAN	131.1	7.5	1	37.4 (M:37.4)	0.9	0.66	893	1.20	1
ITAM_HUMAN	127.1	7.0	1	37.4 (M:37.4)	0.9	1.18	894	0.88	1
UCHL5_HUMAN	37.6	5.1	1	37.3 (M:37.3)	2.4	0.24	895	0.57	1
SCRB2_HUMAN	54.3	4.9	1	37.3 (M:37.3)	1.7	0.23	896	0.89	1
NRP2_HUMAN	104.8	4.9	1	37.2 (M:37.2)	0.9	0.68	897	0.79	1

HMCS1_HUMAN	57.3	5.1	1	37.2 (M:37.21	1.5	0.43	898	0.97	1
TYPH_HUMAN	49.9	5.2	1	37.2 (M:37.21	2.7	0.60	899	0.84	1
AMBP_HUMAN	39.0	5.9	1	37.2 (M:37.21	2.3	0.66	900	1.60	1
TXD17_HUMAN	13.9	5.3	1	37.1 (M:37.11	7.3	0.32	901	1.04	1
AT5G1_HUMAN	14.3	10.9	3	37.1 (M:37.11	5.1	3.58	902	2.37	1
HV307_HUMAN	13.7	10.1	1	37.0 (M:37.01	5.7	1.21	903	1.23	1
BGH3_HUMAN	74.6	8.6	1	37.0 (M:37.01	1.3	0.39	904	0.88	1
LYAM3_HUMAN	90.8	6.2	1	37.0 (M:37.01	1.0	2.20	905	1.65	1
CHL1_HUMAN	135.0	5.4	1	36.9 (M:36.91	0.7	7.31	906	1.02	1
CYTC_HUMAN	15.8	9.9	1	36.9 (M:36.91	7.5	0.88	907	0.78	1
TRI29_HUMAN	65.8	6.8	1	36.8 (M:36.81	1.4	0.64	908	1.30	1
RS12_HUMAN	14.5	7.7	1	36.8 (M:36.81	7.6	1.08	909	1.39	1
TF65_HUMAN	60.2	5.4	1	36.8 (M:36.81	2.2	2.72	910		
PRS7_HUMAN	48.6	5.6	1	36.7 (M:36.71	2.3	0.54	911	1.56	1
CAPR1_HUMAN	78.3	5.0	1	36.7 (M:36.71	1.6	0.30	912	0.75	1
GBP1_HUMAN	67.9	5.9	1	36.6 (M:36.61	1.5	1.05	913	0.94	1
PKP3_HUMAN	87.0	10.0	1	36.6 (M:36.61	1.3	1.06	914	0.74	1
SETD7_HUMAN	40.7	4.4	1	36.5 (M:36.51	2.5	0.35	915	0.91	1
LV302_HUMAN	11.9	4.8	1	36.5 (M:36.51	7.2	1.88	916	1.47	1
RRP12_HUMAN	143.6	9.8	1	36.4 (M:36.41	1.1	0.70	917		
RAB12_HUMAN	27.2	9.6	1	36.4 (M:36.41	2.9	4.62	918	0.70	1
SAE2_HUMAN	71.2	5.0	1	36.3 (M:36.31	1.1	0.70	919	0.66	1
PLOD1_HUMAN	83.5	6.5	1	36.2 (M:36.21	1.0	9.60	920	1.10	1
RL14_HUMAN	23.4	11.6	1	36.1 (M:36.11	5.6	1.62	921	1.50	1
PSB5_HUMAN	28.5	6.5	1	36.1 (M:36.11	6.1	2.02	922		
PGM52_HUMAN	31.7	5.3	2	36.1 (M:36.11	2.0	2.95	923	1.34	1
CDV3_HUMAN	27.3	6.0	1	36.0 (M:36.01	3.1	1.91	924	0.53	1
RS14_HUMAN	16.3	10.9	1	36.0 (M:36.01	7.3	0.23	925	0.93	1
CPNE1_HUMAN	59.0	5.4	1	35.9 (M:35.91	1.7	1.88	926	1.00	1
LPP_HUMAN	65.7	7.8	1	35.9 (M:35.91	1.5	0.66	927	1.16	1
RHEB_HUMAN	20.5	5.6	1	35.8 (M:35.81	4.3	0.40	928	1.14	1
TPD54_HUMAN	22.2	5.1	1	35.8 (M:35.81	4.9	0.37	929	1.08	1
CP088_HUMAN	51.6	10.4	1	35.8 (M:35.81	3.7	1.04	930		
SUGT1_HUMAN	41.0	4.9	1	35.7 (M:35.71	3.3	0.27	931		
CD82_HUMAN	29.6	5.0	1	35.5 (M:35.51	3.7	0.20	932	0.51	1
LV103_HUMAN	11.4	9.1	1	35.5 (M:35.51	7.2	4.62	933	1.43	1

TIPRL_HUMAN	31.4	5.5	1	35.4 (M:35.41	3.7	0.78	934	1.28	1
FA49B_HUMAN	36.7	5.7	1	35.4 (M:35.41	2.5	1.07	935	0.93	1
MEMO1_HUMAN	33.7	6.8	1	35.4 (M:35.41	2.0	1.90	936	1.15	1
SYHC_HUMAN	57.4	5.6	1	35.3 (M:35.31	1.6	1.07	937	0.85	1
FERM2_HUMAN	77.8	6.3	1	35.3 (M:35.31	1.5	0.12	938	0.99	1
S61A2_HUMAN	52.2	9.1	2	35.2 (M:35.21	1.9	5.70	939	1.26	1
RL17_HUMAN	21.4	10.9	1	35.2 (M:35.21	5.4	2.54	940	1.30	1
FKBP4_HUMAN	51.8	5.2	1	35.2 (M:35.21	1.7	0.31	941	0.89	1
GSH1_HUMAN	72.7	5.7	1	35.2 (M:35.21	1.3	0.65	942	1.00	1
DDB1_HUMAN	126.9	5.0	1	35.1 (M:35.11	1.1	580.85	943	0.87	1
EIF3B_HUMAN	92.4	4.7	1	35.0 (M:35.01	1.7	2.86	944		
RTN1_HUMAN	83.6	4.5	1	35.0 (M:35.01	1.0	0.68	945	0.99	1
PHS_HUMAN	12.0	6.3	1	35.0 (M:35.01	9.6	0.81	946	0.81	1
SRP72_HUMAN	74.6	9.9	1	35.0 (M:35.01	1.2	2.53	947	0.77	1
PCYXL_HUMAN	54.6	6.9	1	34.9 (M:34.91	1.6	2.29	948	0.86	1
SPDLY_HUMAN	70.1	5.3	1	34.9 (M:34.91	1.7	0.76	949		
MCM2_HUMAN	101.8	5.2	1	34.8 (M:34.81	1.5	3.21	950		
ODO2_HUMAN	48.7	9.9	1	34.8 (M:34.81	2.9	0.42	951	0.79	1
KSYK_HUMAN	72.0	9.1	1	34.8 (M:34.81	1.1	1.98	952	0.92	1
PLXB2_HUMAN	205.0	5.8	1	34.8 (M:34.81	0.5	1.88	953	0.77	1
CAH2_HUMAN	29.2	7.0	1	34.7 (M:34.71	3.5	1.64	954	0.87	1
PPID_HUMAN	40.7	6.9	1	34.7 (M:34.71	2.2	2.01	955	0.74	1
KCY_HUMAN	22.2	5.3	1	34.6 (M:34.61	6.1	3.18	956		
AN32E_HUMAN	30.7	3.6	1	34.6 (M:34.61	4.5	1.14	957		
LIN7C_HUMAN	21.8	9.3	2	34.6 (M:34.61	3.6	0.45	958	0.81	1
KAD4_HUMAN	25.3	9.2	1	34.6 (M:34.61	4.5	2.56	959	1.15	1
ROBO1_HUMAN	180.8	5.6	1	34.6 (M:34.61	0.5	0.08	960	0.96	1
rndDCA12_HUMA	50.5	9.9	1	34.5 (M:34.51	1.5	1036.23	961	0.88	1
UGDH_HUMAN	55.0	6.9	1	34.5 (M:34.51	1.2	0.84	962	0.94	1
PFD6_HUMAN	14.6	9.4	1	34.5 (M:34.51	6.2	3.32	963	0.61	1
CC124_HUMAN	25.8	10.0	1	34.5 (M:34.51	3.6	3.13	964	0.43	1
PLOD3_HUMAN	84.7	5.6	1	34.4 (M:34.41	1.4	1.56	965	0.69	1
RS15A_HUMAN	14.8	10.9	1	34.2 (M:34.21	6.9	0.58	966	1.87	1
HMG3M_HUMAN	21.1	10.1	3	34.2 (M:34.21	3.7	7.21	967	0.50	1
FAAA_HUMAN	46.3	6.5	1	34.2 (M:34.21	2.9	0.53	968	1.05	1
CAH1_HUMAN	28.9	6.7	1	34.2 (M:34.21	3.8	0.32	969	0.66	1

EMAL2_HUMAN	70.6	5.9	1	34.2 (M:34.2	1.5	4.94	970	0.99	1
TYSY_HUMAN	35.7	6.6	1	34.2 (M:34.2	4.5	0.35	971		
COCH_HUMAN	59.4	9.1	1	34.1 (M:34.1	1.3	3.27	972	0.72	1
LPPL_HUMAN	16.5	7.7	1	34.0 (M:34.0	4.9	4.15	973	0.60	1
UFL1_HUMAN	89.5	6.3	1	34.0 (M:34.0	1.1	1.65	974	1.21	1
RHG01_HUMAN	50.4	5.8	1	33.9 (M:33.9	2.3	0.03	975	1.14	1
SGCD_HUMAN	32.1	10.0	1	33.9 (M:33.9	1.7	5.65	976	1.23	1
PAI1_HUMAN	45.0	6.8	1	33.8 (M:33.8	2.5	2.27	977	0.57	1
HNRPL_HUMAN	64.1	9.2	1	33.8 (M:33.8	1.5	3.86	978	1.04	1
PLIN4_HUMAN	134.3	9.7	1	33.8 (M:33.8	0.5	1.17	979	2.11	1
FBLN3_HUMAN	54.6	4.8	1	33.8 (M:33.8	1.8	1.14	980	1.28	1
RBL2B_HUMAN	26.1	4.6	2	33.6 (M:33.6	6.1	4.71	981		
UB2D3_HUMAN	16.7	9.0	2	33.6 (M:33.6	7.5	0.71	982	0.92	1
C4BPB_HUMAN	28.3	4.9	1	33.6 (M:33.6	3.6	2.30	983	0.93	1
SEM3F_HUMAN	88.3	9.5	1	33.5 (M:33.5	0.8	1.33	984	1.80	1
DNJB2_HUMAN	35.6	5.6	1	33.5 (M:33.5	3.4	2.31	985		
PAPS2_HUMAN	69.5	9.0	1	33.4 (M:33.4	3.1	1.83	986		
5NTD_HUMAN	63.3	6.6	1	33.3 (M:33.3	1.7	1.52	987	1.65	1
PEA15_HUMAN	15.0	4.8	1	33.2 (M:33.2	5.4	0.17	988	1.07	1
A2AP_HUMAN	54.5	5.9	1	33.2 (M:33.2	1.4	1.84	989	2.29	1
rndZHX3_HUMAN	104.6	5.7	1	33.1 (M:33.1	0.7	1.76	990	0.70	1
DHB12_HUMAN	34.3	9.8	1	33.1 (M:33.1	2.6	4.04	991	1.38	1
PP1R7_HUMAN	41.5	4.7	1	33.1 (M:33.1	2.2	1.81	992	1.36	1
GDIR2_HUMAN	23.0	4.9	1	33.0 (M:33.0	4.0	1.74	993	0.81	1
CTL2_HUMAN	80.1	9.8	1	33.0 (M:33.0	0.8	0.53	994	1.48	1
NDKA_HUMAN	17.1	5.8	1	33.0 (M:33.0	6.6	0.74	995	1.00	1
CNDP2_HUMAN	52.8	5.6	1	33.0 (M:33.0	1.7	0.79	996	1.02	1
FLII_HUMAN	144.7	5.7	1	32.9 (M:32.9	1.3	1.42	997		
XPO1_HUMAN	123.3	5.7	1	32.8 (M:32.8	0.8	1.02	998	0.93	1
rndABC9_HUMAN	84.4	8.8	1	32.8 (M:32.8	0.8	0.10	999	1.21	1
MXRA5_HUMAN	312.1	9.3	1	32.8 (M:32.8	0.3	1.40	1000	0.48	1
ENDD1_HUMAN	55.0	5.4	1	32.7 (M:32.7	2.2	1.83	1001		
ZN598_HUMAN	98.6	9.8	1	32.6 (M:32.6	1.3	3.86	1002		
CXXC1_HUMAN	75.7	9.8	1	32.6 (M:32.6	1.7	2.94	1003		
RL7A_HUMAN	30.0	11.3	1	32.6 (M:32.6	4.9	0.27	1004	1.33	1
SEPT9_HUMAN	65.4	9.7	1	32.6 (M:32.6	1.4	1.45	1005	1.12	1

SRXN1_HUMAN	14.3	9.1	1	32.5 (M:32.51	4.4	0.82	1006	0.79	1
VAPA_HUMAN	27.9	9.6	1	32.4 (M:32.41	3.6	5.95	1007	1.11	1
PDIA6_HUMAN	48.1	4.8	1	32.4 (M:32.41	1.8	1.12	1008	0.89	1
CK054_HUMAN	35.1	6.3	1	32.4 (M:32.41	2.5	1.31	1009	1.26	1
PKHO2_HUMAN	53.3	5.2	1	32.3 (M:32.31	1.2	1.92	1010	0.85	1
ASM3A_HUMAN	51.2	5.9	1	32.3 (M:32.31	1.5	0.29	1011	1.12	1
IGJ_HUMAN	18.1	5.0	1	32.3 (M:32.31	4.4	6.02	1012	1.39	1
rndSCAPE_HUMA	158.1	7.5	1	32.2 (M:32.21	0.6	5.55	1013	0.68	1
TOM6_HUMAN	8.0	4.5	1	32.2 (M:32.21	18.9	2.32	1014		
rndYS020_HUMA	66.7	10.5	1	32.2 (M:32.21	1.0	0.78	1015	1.07	1
PSD13_HUMAN	42.9	5.5	1	32.2 (M:32.21	2.1	0.55	1016	1.01	1
RNAS6_HUMAN	17.2	10.4	1	32.1 (M:32.11	5.3	4.53	1017	0.58	1
SDF2L_HUMAN	23.6	6.6	1	32.1 (M:32.11	3.6	3.73	1018	1.02	1
CBX5_HUMAN	22.2	5.6	1	32.1 (M:32.11	4.2	1.04	1019	0.69	1
RET1_HUMAN	15.8	4.8	1	32.1 (M:32.11	7.4	0.25	1020	0.77	1
VISL1_HUMAN	22.1	4.9	2	32.0 (M:32.01	4.7	6.91	1021	0.95	1
KAIN_HUMAN	48.5	8.0	1	31.9 (M:31.91	2.1	5.68	1022	1.18	1
CCS_HUMAN	29.0	5.2	1	31.9 (M:31.91	4.7	1.30	1023		
PSA_HUMAN	103.2	5.4	1	31.9 (M:31.91	0.9	0.54	1024	0.77	1
MRC1_HUMAN	165.9	6.1	2	31.8 (M:31.81	0.5	5.45	1025	1.56	1
PSMD9_HUMAN	24.6	6.5	1	31.8 (M:31.81	4.5	2.48	1026	0.64	1
KAD1_HUMAN	21.6	9.4	1	31.8 (M:31.81	6.2	0.83	1027	1.37	1
GATM_HUMAN	48.4	9.1	1	31.7 (M:31.71	4.0	0.50	1028		
EFHD2_HUMAN	26.7	5.0	1	31.7 (M:31.71	3.8	2.27	1029	0.61	1
UN45A_HUMAN	103.0	5.7	1	31.7 (M:31.71	1.0	0.21	1030	1.27	1
HUWE1_HUMAN	481.6	5.0	1	31.7 (M:31.71	0.2	3.02	1031	0.68	1
CKAP4_HUMAN	66.0	5.6	1	31.6 (M:31.61	1.2	3.20	1032	1.19	1
rndNHRF3_HUMA	57.1	5.3	1	31.6 (M:31.61	1.7	0.30	1033	1.06	1
LZIC_HUMAN	21.5	4.7	1	31.6 (M:31.61	4.2	0.83	1034	0.96	1
STX12_HUMAN	31.6	5.3	1	31.5 (M:31.51	3.3	0.30	1035	1.20	1
TACD2_HUMAN	35.7	10.2	1	31.4 (M:31.41	2.5	3.57	1036	0.70	1
DNM1L_HUMAN	81.8	6.4	1	31.4 (M:31.41	1.0	0.21	1037	0.81	1
FGL2_HUMAN	50.2	7.7	1	31.4 (M:31.41	1.8	0.31	1038	1.19	1
THIC_HUMAN	41.3	6.5	1	31.4 (M:31.41	2.0	1.41	1039	0.78	1
PFD3_HUMAN	22.6	7.5	1	31.3 (M:31.31	3.6	3.62	1040	0.71	1
GLNA_HUMAN	42.0	6.5	1	31.2 (M:31.21	2.1	0.28	1041	1.01	1

TGFI1_HUMAN	49.8	6.7	1	31.2 (M:31.21	1.5	0.22	1042	1.27	1
PTN1_HUMAN	49.9	5.8	1	31.2 (M:31.21	2.1	1.90	1043	0.79	1
F162A_HUMAN	17.3	10.6	1	31.2 (M:31.21	11.7	2.64	1044		
SFRS2_HUMAN	25.5	12.4	2	31.2 (M:31.21	3.2	3.46	1045	0.79	1
LAMP2_HUMAN	44.9	5.3	1	31.1 (M:31.11	2.0	0.47	1046	0.61	1
IMPA2_HUMAN	31.3	6.2	1	31.0 (M:31.01	4.2	3.25	1047	1.85	1
DPYL2_HUMAN	62.3	5.9	1	31.0 (M:31.01	1.7	1.58	1048	1.41	1
RS7_HUMAN	22.1	10.6	1	31.0 (M:31.01	4.1	1.43	1049	1.15	1
HV201_HUMAN	14.3	10.3	2	30.9 (M:30.91	5.6	2.94	1050	1.26	1
DYL1_HUMAN	10.4	7.8	1	30.9 (M:30.91	7.9	1.91	1051	0.99	1
AMPD2_HUMAN	100.6	6.5	1	30.8 (M:30.81	2.0	0.51	1052		
KTN1_HUMAN	156.2	5.4	1	30.8 (M:30.81	0.9	0.97	1053		
rndDSG1_HUMAN	113.6	4.8	1	30.8 (M:30.81	0.7	0.54	1054	0.62	1
RS10_HUMAN	18.9	10.5	1	30.7 (M:30.71	5.5	1.65	1055	1.32	1
TIAR_HUMAN	41.6	8.6	2	30.6 (M:30.61	2.4	2.11	1056	0.76	1
SIL1_HUMAN	52.1	5.1	1	30.6 (M:30.61	2.8	0.94	1057	1.30	1
DNJB9_HUMAN	25.5	9.2	1	30.6 (M:30.61	3.6	2.31	1058	3.74	1
RB15B_HUMAN	97.1	10.3	1	30.5 (M:30.51	1.2	1.64	1059		
SNG2_HUMAN	24.8	4.6	1	30.5 (M:30.51	4.5	2.65	1060	0.70	1
rndKGP1_HUMAN	76.3	5.7	1	30.5 (M:30.51	1.6	8.04	1061	1.47	1
LV104_HUMAN	11.4	4.5	2	30.5 (M:30.51	7.2	0.41	1062	1.26	1
AP2M1_HUMAN	49.6	10.1	1	30.5 (M:30.51	1.6	0.20	1063	0.75	1
rndCLDN2_HUMA	18.0	9.2	1	30.5 (M:30.51	4.8	951.57	1064	1.63	1
ARPC3_HUMAN	20.5	9.5	1	30.3 (M:30.31	3.9	1.53	1065	0.81	1
TCEA1_HUMAN	33.9	9.6	1	30.3 (M:30.31	3.3	0.88	1066	0.79	1
ELAV1_HUMAN	36.1	9.8	1	30.3 (M:30.31	3.4	0.14	1067	1.01	1
NIT2_HUMAN	30.6	7.6	1	30.3 (M:30.31	2.9	5.47	1068		
IPO5_HUMAN	123.5	4.7	1	30.3 (M:30.31	0.7	0.68	1069	1.35	1
AHNK2_HUMAN	616.2	5.1	1	30.3 (M:30.31	0.2	2.32	1070	0.73	1
F107B_HUMAN	15.5	9.0	1	30.2 (M:30.21	13.7	2.23	1071		
IPKB_HUMAN	8.5	4.6	2	30.2 (M:30.21	9.0	3.16	1072	0.81	1
MCM4_HUMAN	96.5	6.3	1	30.2 (M:30.21	1.0	0.78	1073	0.59	1
DCBD2_HUMAN	85.0	6.9	1	30.2 (M:30.21	1.0	2.89	1074	0.49	1
PDPK2_HUMAN	44.7	9.4	2	30.1 (M:30.11	2.0	4.43	1075	1.16	1
ITAL_HUMAN	128.7	5.3	1	30.0 (M:30.01	0.6	1.70	1076	0.74	1
AATC_HUMAN	46.2	6.6	1	30.0 (M:30.01	2.2	1.57	1077	1.23	1

KHDR1_HUMAN	48.2	9.2	1	29.9 (M:29.9)	2.9	2.71	1078		
MFAP4_HUMAN	28.6	5.3	1	29.8 (M:29.8)	2.4	3.72	1079	2.68	1
HABP2_HUMAN	62.6	6.1	1	29.8 (M:29.8)	1.6	2.74	1080	1.41	1
RHOA_HUMAN	21.8	5.8	2	29.8 (M:29.8)	4.1	0.72	1081	1.00	1
TSN3_HUMAN	28.0	5.4	1	29.6 (M:29.6)	2.8	1.26	1082	0.76	1
PGFRL_HUMAN	41.8	9.5	1	29.6 (M:29.6)	1.9	1.31	1083	0.78	1
SUCB1_HUMAN	50.3	7.7	1	29.6 (M:29.6)	1.9	3.20	1084	0.85	1
PLCH1_HUMAN	189.1	8.7	1	29.6 (M:29.6)	0.5	2.56	1085	1.09	1
OLFL3_HUMAN	46.0	6.2	1	29.6 (M:29.6)	2.2	1.15	1086	1.35	1
PABP2_HUMAN	32.7	4.9	1	29.5 (M:29.5)	2.6	1.59	1087	0.44	1
rndNYX_HUMAN	52.0	11.5	1	29.5 (M:29.5)	2.1	0.12	1088	1.34	1
BDH2_HUMAN	26.7	8.9	1	29.5 (M:29.5)	4.1	2.49	1089	1.08	1
BUB3_HUMAN	37.1	6.4	1	29.5 (M:29.5)	2.1	4.69	1090	0.47	1
PHLD_HUMAN	92.3	5.9	1	29.5 (M:29.5)	1.1	1.10	1091	0.72	1
SEPT2_HUMAN	41.5	6.1	1	29.4 (M:29.4)	1.9	1.95	1092	0.78	1
ACOT9_HUMAN	49.9	9.6	1	29.4 (M:29.4)	4.6	2.47	1093		
ABI1_HUMAN	55.0	6.6	2	29.4 (M:29.4)	1.8	0.80	1094	1.23	1
ASB7_HUMAN	36.0	9.5	1	29.3 (M:29.3)	1.9	1.52	1095	1.06	1
TTC23_HUMAN	50.0	9.4	1	29.3 (M:29.3)	1.6	5.54	1096	0.54	1
PP1RA_HUMAN	99.0	9.8	1	29.3 (M:29.3)	1.5	1.98	1097		
HCDH_HUMAN	34.3	9.4	1	29.3 (M:29.3)	2.2	1.16	1098	1.20	1
LYN_HUMAN	58.5	6.8	4	29.3 (M:29.3)	1.4	0.08	1099	0.83	1
RPAB3_HUMAN	17.1	4.3	1	29.2 (M:29.2)	4.7	1.11	1100	0.89	1
HSP7E_HUMAN	54.8	5.3	1	29.2 (M:29.2)	1.8	6.48	1101	1.21	1
LGUL_HUMAN	20.8	5.0	1	29.2 (M:29.2)	5.4	0.11	1102	0.75	1
ECP_HUMAN	18.4	12.2	1	29.1 (M:29.1)	4.4	1.85	1103	0.54	1
PSDE_HUMAN	34.6	6.1	1	29.1 (M:29.1)	2.3	2.34	1104	0.99	1
NOTC3_HUMAN	243.5	5.1	1	29.1 (M:29.1)	0.4	2.32	1105	1.20	1
VWA1_HUMAN	46.8	8.0	1	29.0 (M:29.0)	1.6	0.45	1106	0.80	1
C1QT3_HUMAN	27.0	6.1	1	29.0 (M:29.0)	2.8	1.45	1107	0.51	1
rndSCLY_HUMAN	48.1	6.7	1	29.0 (M:29.0)	1.1	0.32	1108	0.82	1
KITM_HUMAN	31.0	9.6	1	29.0 (M:29.0)	2.6	2.25	1109	0.92	1
rndKRT84_HUMAN	64.9	9.2	1	29.0 (M:29.0)	1.7	7.64	1110		
ADRM1_HUMAN	42.1	4.8	1	29.0 (M:29.0)	2.0	0.94	1111	1.26	1
rndTEN2_HUMAN	307.6	6.2	1	28.9 (M:28.9)	0.2	1.92	1112	1.49	1
SAA4_HUMAN	14.8	9.7	1	28.8 (M:28.8)	8.5	1.54	1113	1.04	1

ZN648_HUMAN	62.3	10.2	1	28.8 (M:28.81	2.1	1.88	1114	1.11	1
NACA_HUMAN	23.4	4.4	1	28.8 (M:28.81	6.0	0.34	1115	0.70	1
MLRV_HUMAN	18.8	4.7	1	28.8 (M:28.81	4.2	5.92	1116	1.25	1
NAAA_HUMAN	40.0	9.5	1	28.8 (M:28.81	2.2	5.92	1117	0.76	1
GNAT1_HUMAN	40.0	5.3	10	28.7 (M:28.71	3.1	1.34	1118	1.01	1
HNRL1_HUMAN	95.7	6.5	1	28.7 (M:28.71	0.8	4.13	1119	0.89	1
KCRB_HUMAN	42.6	5.2	4	28.7 (M:28.71	1.6	0.70	1120	1.75	1
AP2A1_HUMAN	107.5	6.7	1	28.7 (M:28.71	1.0	2.71	1121	1.32	1
6PGL_HUMAN	27.5	5.7	1	28.7 (M:28.71	3.1	1.13	1122	0.78	1
AIBP_HUMAN	31.7	8.8	1	28.6 (M:28.61	2.8	0.74	1123	0.87	1
HNRL2_HUMAN	85.1	4.7	1	28.6 (M:28.61	1.1	0.72	1124	1.02	1
MTA2_HUMAN	75.0	10.4	1	28.6 (M:28.61	1.5	4.33	1125	1.20	1
GRPE1_HUMAN	24.3	9.2	1	28.5 (M:28.51	3.7	2.17	1126	0.88	1
ILK_HUMAN	51.4	9.3	1	28.5 (M:28.51	1.1	0.86	1127	1.16	1
CBPD_HUMAN	152.8	5.6	1	28.5 (M:28.51	0.5	1.56	1128	0.58	1
rndHMMR_HUMAN	84.0	5.6	1	28.4 (M:28.41	1.0	0.49	1129	1.05	1
UBE2N_HUMAN	17.1	6.2	2	28.4 (M:28.41	6.6	1.12	1130	1.66	1
ATPD_HUMAN	17.5	5.2	1	28.4 (M:28.41	5.4	2.11	1131	1.54	1
N2DL2_HUMAN	27.3	7.8	3	28.4 (M:28.41	4.1	2.54	1132	1.19	1
CATG_HUMAN	28.8	12.1	1	28.4 (M:28.41	3.5	1.32	1133	0.93	1
rndRBM15_HUMAN	107.1	10.5	1	28.3 (M:28.31	0.6	750.25	1134	0.88	1
PON1_HUMAN	39.7	5.0	1	28.3 (M:28.31	2.8	6.47	1135	1.46	1
KITH_HUMAN	25.5	10.0	1	28.3 (M:28.31	4.7	2.13	1136	0.84	1
GOSR1_HUMAN	28.6	10.0	1	28.3 (M:28.31	4.8	0.62	1137		
PALM_HUMAN	42.1	4.8	1	28.3 (M:28.31	3.6	1.77	1138		
EIF3K_HUMAN	25.0	4.7	1	28.3 (M:28.31	3.2	1.14	1139	1.12	1
NDRG1_HUMAN	42.8	5.4	1	28.2 (M:28.21	1.5	3.30	1140	0.60	1
H2A1H_HUMAN	13.9	11.3	13	28.2 (M:28.21	5.5	1.26	1141	0.95	1
CDC37_HUMAN	44.4	5.0	1	28.2 (M:28.21	1.9	3.63	1142	0.87	1
MAOX_HUMAN	64.1	5.7	1	28.2 (M:28.21	1.2	2.64	1143	0.96	1
PDLI7_HUMAN	49.8	9.9	1	28.1 (M:28.11	1.3	1.35	1144	1.20	1
AT1B1_HUMAN	35.0	9.4	1	28.1 (M:28.11	3.6	1.26	1145	1.27	1
GDS1_HUMAN	66.3	5.1	1	28.1 (M:28.11	1.5	2.99	1146	1.62	1
DNJC7_HUMAN	56.4	6.6	1	28.0 (M:28.01	1.6	0.17	1147	1.21	1
UAP56_HUMAN	49.0	5.3	2	28.0 (M:28.01	1.6	2.30	1148	0.82	1
MK01_HUMAN	41.4	6.6	1	28.0 (M:28.01	1.9	0.93	1149	1.31	1

SFRP4_HUMAN	39.8	10.3	1	28.0 (M:28.0)	2.0	2.69	1150	0.75	1
PB1_HUMAN	192.8	6.5	1	28.0 (M:28.0)	0.4	1.30	1151	0.53	1
AP1G1_HUMAN	91.3	6.4	1	28.0 (M:28.0)	1.0	3.30	1152	1.14	1
KI13A_HUMAN	202.2	5.3	2	27.8 (M:27.8)	0.3	0.59	1153	0.88	1
HCLS1_HUMAN	54.0	4.6	1	27.8 (M:27.8)	1.6	1.73	1154	0.79	1
CB053_HUMAN	44.7	11.9	1	27.8 (M:27.8)	1.9	1105.91	1155		
PROF2_HUMAN	15.0	7.5	1	27.8 (M:27.8)	10.0	0.43	1156	0.52	1
rndHOMEZ_HUMAN	58.5	4.7	1	27.8 (M:27.8)	1.0	2.57	1157	1.39	1
IST1_HUMAN	39.7	5.1	1	27.7 (M:27.7)	2.5	3.87	1158	0.82	1
CLN5_HUMAN	41.5	7.7	1	27.7 (M:27.7)	2.5	2.37	1159	0.55	1
HSPB6_HUMAN	17.1	6.0	1	27.7 (M:27.7)	8.1	2.42	1160	1.34	1
GNA11_HUMAN	42.1	5.4	3	27.7 (M:27.7)	1.7	2.54	1161	1.38	1
rndCP39A_HUMAN	54.1	9.6	1	27.6 (M:27.6)	1.3	3.30	1162	1.44	1
GTF2I_HUMAN	112.3	6.0	1	27.6 (M:27.6)	0.9	2.03	1163	0.75	1
SF3B3_HUMAN	135.5	5.0	1	27.6 (M:27.6)	0.7	2.04	1164	0.81	1
PEX19_HUMAN	32.8	4.1	1	27.5 (M:27.5)	2.7	2.95	1165	0.71	1
AMPB_HUMAN	72.5	5.4	1	27.5 (M:27.5)	1.7	0.76	1166		
SH3G1_HUMAN	41.5	5.2	1	27.4 (M:27.4)	2.2	0.91	1167	0.91	1
APM2_HUMAN	7.8	5.0	2	27.4 (M:27.4)	7.9	4.45	1168	0.81	1
DIAC_HUMAN	43.7	6.2	1	27.4 (M:27.4)	2.1	2.63	1169	1.04	1
SRP68_HUMAN	70.7	9.4	1	27.4 (M:27.4)	1.4	2.61	1170	1.11	1
NNMT_HUMAN	29.6	5.5	1	27.4 (M:27.4)	3.0	4.10	1171	0.59	1
B3GLT_HUMAN	56.5	7.9	1	27.4 (M:27.4)	1.6	575.65	1172	0.64	1
THBG_HUMAN	46.3	5.9	1	27.4 (M:27.4)	1.9	0.89	1173	0.79	1
RNT2_HUMAN	29.5	6.8	1	27.3 (M:27.3)	2.7	0.78	1174	0.78	1
GRB2_HUMAN	25.2	5.9	1	27.3 (M:27.3)	3.2	0.08	1175	0.86	1
TSTD1_HUMAN	12.5	5.8	1	27.3 (M:27.3)	7.0	0.45	1176	1.08	1
CISY_HUMAN	51.7	9.1	1	27.3 (M:27.3)	1.5	1.10	1177	0.88	1
AIP_HUMAN	37.6	5.9	1	27.2 (M:27.2)	1.8	0.80	1178	0.90	1
TBCE_HUMAN	59.3	6.3	1	27.2 (M:27.2)	2.1	0.01	1179		
CPXM1_HUMAN	81.6	6.2	1	27.2 (M:27.2)	1.1	3.38	1180	0.66	1
ASXL1_HUMAN	165.3	5.8	2	27.2 (M:27.2)	0.5	7.22	1181	0.93	1
TPD52_HUMAN	24.3	4.6	1	27.1 (M:27.1)	2.7	3.05	1182	0.84	1
GPAT2_HUMAN	87.8	9.1	1	27.0 (M:27.0)	1.0	5.25	1183		
KV405_HUMAN	12.1	9.1	5	27.0 (M:27.0)	6.4	0.56	1184	1.25	1
ARP3_HUMAN	47.3	5.5	1	27.0 (M:27.0)	1.7	2.43	1185	0.79	1

INHBA_HUMAN	47.4	9.4	1	27.0 (M:27.0)	1.9	0.03	1186	0.78	1
TCO1_HUMAN	48.2	4.8	1	27.0 (M:27.0)	1.8	1.89	1187	1.38	1
RB11A_HUMAN	24.4	6.1	2	26.9 (M:26.9)	5.1	2.51	1188	0.74	1
DHB4_HUMAN	79.6	9.6	1	26.9 (M:26.9)	1.1	0.23	1189	1.07	1
ARAP3_HUMAN	169.7	6.7	1	26.9 (M:26.9)	0.6	3.75	1190	1.10	1
ITA6_HUMAN	126.6	6.4	1	26.9 (M:26.9)	1.0	4.31	1191	1.06	1
CSK_HUMAN	50.7	6.7	1	26.9 (M:26.9)	1.6	1.24	1192	1.68	1
PAK2_HUMAN	58.0	5.6	3	26.9 (M:26.9)	1.7	1.14	1193	0.71	1
LIPB1_HUMAN	114.0	5.3	1	26.9 (M:26.9)	1.3	1.98	1194		
rndDNAL1_HUMAN	21.5	5.8	1	26.8 (M:26.8)	3.2	7.56	1195	0.52	1
CADM4_HUMAN	42.8	5.9	1	26.8 (M:26.8)	2.3	0.35	1196	0.85	1
PAPS1_HUMAN	70.8	6.4	1	26.8 (M:26.8)	1.3	2.57	1197	0.66	1
NECP2_HUMAN	28.3	9.3	1	26.8 (M:26.8)	3.8	0.06	1198		
UBP15_HUMAN	112.3	4.9	1	26.8 (M:26.8)	0.8	3.10	1199	0.63	1
rndCBPA4_HUMAN	47.3	6.2	3	26.8 (M:26.8)	1.2	2.07	1200	1.49	1
CPNE3_HUMAN	60.1	5.5	1	26.8 (M:26.8)	1.3	1.44	1201	1.13	1
ECE1_HUMAN	87.1	5.5	1	26.7 (M:26.7)	0.9	0.18	1202	1.51	1
FUBP2_HUMAN	73.1	7.0	1	26.7 (M:26.7)	1.4	2.30	1203	0.57	1
PIMT_HUMAN	24.6	6.9	1	26.7 (M:26.7)	3.5	6.07	1204	0.91	1
MMP14_HUMAN	65.8	8.5	1	26.6 (M:26.6)	1.4	1.18	1205	0.54	1
BASI_HUMAN	42.2	5.3	1	26.6 (M:26.6)	1.8	1.04	1206	0.62	1
BPI_HUMAN	53.9	9.9	1	26.6 (M:26.6)	1.2	4.96	1207	0.66	1
LLR1_HUMAN	46.7	10.3	1	26.6 (M:26.6)	1.4	0.14	1208	1.72	1
RPR1B_HUMAN	36.9	5.6	1	26.6 (M:26.6)	2.5	0.40	1209	0.61	1
MYG1_HUMAN	42.4	6.3	1	26.6 (M:26.6)	2.7	2.52	1210	1.40	1
rndHYLS1_HUMAN	34.3	7.8	1	26.6 (M:26.6)	2.0	3.82	1211	2.61	1
RRMJ1_HUMAN	36.1	5.3	1	26.6 (M:26.6)	5.5	490.44	1212		
CNNM4_HUMAN	86.6	5.7	1	26.6 (M:26.6)	1.4	4.51	1213		
PUR4_HUMAN	144.6	5.4	1	26.5 (M:26.5)	0.6	2.11	1214	0.76	1
CAD11_HUMAN	87.9	4.6	1	26.5 (M:26.5)	1.3	1.08	1215	0.56	1
CPVL_HUMAN	54.1	5.3	1	26.5 (M:26.5)	1.7	2.38	1216	0.97	1
SWP70_HUMAN	69.0	5.6	1	26.5 (M:26.5)	1.4	2.31	1217	0.79	1
CPPED_HUMAN	35.6	5.8	1	26.5 (M:26.5)	3.5	0.15	1218		
SMRC2_HUMAN	132.8	5.4	1	26.4 (M:26.4)	0.7	0.65	1219	0.89	1
GPC6_HUMAN	62.7	5.2	1	26.4 (M:26.4)	1.1	0.73	1220	1.23	1
ARD1A_HUMAN	26.4	5.3	1	26.4 (M:26.4)	5.1	2.13	1221		

CSK21_HUMAN	45.1	7.9	1	26.4 (M:26.41	2.0	2.08	1222	0.60	1
PELO_HUMAN	43.3	5.9	1	26.4 (M:26.41	1.8	1.56	1223	0.82	1
SNX12_HUMAN	19.7	9.1	1	26.4 (M:26.41	5.2	3.57	1224	0.91	1
SULF1_HUMAN	101.0	10.0	1	26.4 (M:26.41	0.8	5.26	1225	0.42	1
PRP8_HUMAN	273.4	9.5	1	26.4 (M:26.41	0.4	2.31	1226	0.93	1
RU17_HUMAN	51.5	10.3	1	26.3 (M:26.31	1.4	1.92	1227	1.32	1
FCL_HUMAN	35.9	6.1	1	26.3 (M:26.31	3.4	0.31	1228	0.90	1
MTUS1_HUMAN	141.3	7.9	1	26.3 (M:26.31	0.6	1019.18	1229	1.94	1
rndBORG2_HUMAN	27.7	5.4	1	26.3 (M:26.31	2.4	4.33	1230	0.51	1
rndROCK1_HUMAN	158.1	5.6	1	26.3 (M:26.31	0.5	0.46	1231	0.54	1
NUCB2_HUMAN	50.2	4.9	1	26.2 (M:26.21	1.7	8.84	1232	1.25	1
TACC2_HUMAN	309.2	4.6	1	26.2 (M:26.21	0.2	2.25	1233	1.41	1
LAMA5_HUMAN	399.5	6.7	1	26.2 (M:26.21	0.3	0.37	1234	0.91	1
DPA1_HUMAN	29.4	5.0	1	26.1 (M:26.11	4.6	0.26	1235	0.87	1
YLPM1_HUMAN	219.8	6.1	1	26.1 (M:26.11	0.6	0.12	1236		
RU2B_HUMAN	25.5	10.1	2	26.1 (M:26.11	3.1	3.01	1237	0.84	1
HEBP2_HUMAN	22.9	4.4	1	26.1 (M:26.11	7.3	1.87	1238		
TIF1B_HUMAN	88.5	5.4	1	26.1 (M:26.11	1.1	0.90	1239	0.81	1
K1967_HUMAN	102.8	5.0	1	26.1 (M:26.11	0.8	3.55	1240	1.08	1
rndFRPD2_HUMAN	144.2	6.2	1	26.1 (M:26.11	0.5	873.19	1241	1.67	1
FCHO2_HUMAN	88.9	6.4	1	26.1 (M:26.11	0.9	2.04	1242	1.73	1
rndB3GLT_HUMAN	56.5	7.9	1	26.0 (M:26.01	1.2	5.80	1243	2.06	1
rndSNX13_HUMAN	112.1	6.1	1	26.0 (M:26.01	0.7	1.38	1244	1.32	1
rndMKS3_HUMAN	111.7	6.4	1	26.0 (M:26.01	0.8	8.97	1245	1.13	1
CENPE_HUMAN	316.2	5.4	1	26.0 (M:26.01	0.2	1.88	1246	0.99	1
CRNN_HUMAN	53.5	5.7	1	26.0 (M:26.01	2.6	1.42	1247		
AT2B3_HUMAN	134.1	5.3	4	26.0 (M:26.01	0.6	4.03	1248	1.02	1
MLL4_HUMAN	293.3	9.7	1	26.0 (M:26.01	0.4	0.44	1249		
GOGA2_HUMAN	111.6	4.8	1	26.0 (M:26.01	0.6	0.86	1250	1.41	1
ATLA3_HUMAN	60.5	5.3	1	25.9 (M:25.91	1.3	4.12	1251	1.06	1
CNN2_HUMAN	33.7	7.7	1	25.9 (M:25.91	2.6	3.34	1252	0.95	1
RSU1_HUMAN	31.5	9.1	1	25.9 (M:25.91	3.2	3.92	1253	1.35	1
PSMD6_HUMAN	45.5	5.3	1	25.9 (M:25.91	2.1	0.21	1254	0.93	1
NRCAM_HUMAN	143.8	5.3	1	25.9 (M:25.91	0.5	1.16	1255	1.07	1
rndSYDE1_HUMAN	79.7	9.6	1	25.9 (M:25.91	0.8	4.22	1256	2.78	1
ABCA4_HUMAN	255.8	5.9	1	25.9 (M:25.91	0.3	3.17	1257	1.29	1

JMJD6_HUMAN	46.4	9.5	1	25.8 (M:25.81	3.5	2.83	1258			
PEPD_HUMAN	54.5	5.6	1	25.8 (M:25.81	1.4	2.73	1259	0.84		1
rndDDX11_HUMA	108.2	7.3	1	25.8 (M:25.81	0.6	1209.64	1260	1.14		1
ICAM1_HUMAN	57.8	9.4	2	25.8 (M:25.81	1.1	7.09	1261	0.75		1
MRC2_HUMAN	166.5	5.5	1	25.8 (M:25.81	0.5	0.02	1262	0.91		1
rndSYEP_HUMAN	170.5	7.2	1	25.8 (M:25.81	0.7	7.61	1263	0.92		1
SFPQ_HUMAN	76.1	9.9	1	25.8 (M:25.81	1.6	649.47	1264	0.73		1
rndKI67_HUMAN	358.5	10.1	1	25.8 (M:25.81	0.2	9.80	1265	1.22		1
SHOX_HUMAN	32.2	8.0	1	25.7 (M:25.71	2.1	9.15	1266	0.56		1
API5_HUMAN	57.5	5.8	1	25.7 (M:25.71	1.8	0.30	1267	0.98		1
NPC2_HUMAN	16.6	9.0	1	25.7 (M:25.71	4.6	1.79	1268	0.92		1
PML_HUMAN	97.5	5.8	1	25.7 (M:25.71	1.1	0.26	1269	0.91		1
EPHA1_HUMAN	108.0	6.2	1	25.7 (M:25.71	0.8	0.50	1270	1.15		1
PAI2_HUMAN	46.6	5.4	1	25.6 (M:25.61	2.4	5.13	1271	2.50		1
FA11_HUMAN	70.1	9.6	1	25.6 (M:25.61	1.4	1.33	1272	1.23		1
CTND2_HUMAN	132.6	8.6	1	25.5 (M:25.51	0.7	704.15	1273	1.13		1
ADA10_HUMAN	84.1	9.1	1	25.4 (M:25.41	1.3	1.69	1274	0.97		1
XKR2_HUMAN	52.0	9.3	1	25.4 (M:25.41	1.1	4.52	1275	0.60		1
DAD1_HUMAN	12.5	7.5	1	25.4 (M:25.41	8.8	1.70	1276	1.02		1
rndHXC8_HUMAN	27.7	6.6	1	25.4 (M:25.41	3.3	1.73	1277	1.75		1
MOGS_HUMAN	91.9	9.4	1	25.4 (M:25.41	0.7	3.69	1278			
rndBAG5_HUMAN	51.2	5.7	1	25.4 (M:25.41	1.8	2.84	1279	0.72		1
ITA3_HUMAN	118.7	6.5	1	25.3 (M:25.31	0.8	1.85	1280	1.01		1
RENT1_HUMAN	124.3	6.2	1	25.3 (M:25.31	0.6	4.37	1281	0.47		1
rndPCNT_HUMAN	377.8	5.3	1	25.3 (M:25.31	0.4	4.52	1282	1.08		1
AWAT2_HUMAN	38.1	10.0	1	25.3 (M:25.31	1.8	8.55	1283	0.67		1
rndTRI64_HUMAN	51.5	4.9	1	25.3 (M:25.31	1.6	5.36	1284	0.56		1
rndIMDH1_HUMA	55.4	6.5	1	25.3 (M:25.31	1.2	4.88	1285	0.77		1
rndPRA14_HUMA	49.4	9.8	1	25.3 (M:25.31	1.6	1.09	1286	0.84		1
KAP2_HUMAN	45.5	4.8	2	25.2 (M:25.21	1.5	1.11	1287	1.33		1
CAPON_HUMAN	56.1	5.9	2	25.2 (M:25.21	1.2	3.50	1288	0.60		1
UBP5_HUMAN	95.7	4.8	1	25.2 (M:25.21	3.0	326.58	1289			
PFD1_HUMAN	14.2	6.4	1	25.2 (M:25.21	5.7	3.08	1290	1.00		1
DC112_HUMAN	71.4	4.9	1	25.2 (M:25.21	1.4	0.55	1291	0.88		1
HSPB8_HUMAN	21.6	4.9	1	25.1 (M:25.11	4.6	1.08	1292	1.11		1
CATB_HUMAN	37.8	5.9	1	25.1 (M:25.11	2.4	2.86	1293	1.10		1

THIL_HUMAN	45.2	9.6	1	25.1 (M:25.11	1.6	0.49	1294	0.79	1
rndCKAP5_HUMA	225.4	8.8	1	25.1 (M:25.11	0.3	3.42	1295	0.74	1
GBP2_HUMAN	67.2	5.4	1	25.1 (M:25.11	1.4	1.12	1296	0.50	1
ZN806_HUMAN	67.8	9.8	1	25.1 (M:25.11	1.4	0.75	1297	1.02	1
FST_HUMAN	38.0	5.4	1	25.0 (M:25.01	2.6	3.16	1298	0.84	1

Supplementary Table S3 Summary of GlcNAc/sialic acid N-linked glycoproteins involved in ESCC by iTRAQ (1st).

Accession	MW [kDa]	pI	#Alt.	Prc Scores	#Peptides	SC [%]	RMS90 [ppm]	Rank	Median(H/L)	#(H/L)	CV [%](H/L)
GLGB_HUMAN	80.4	5.9	1	28.5 (M:28.5)	1	1.6	1.99	1054	1.18	1	
CH10_HUMAN	10.9	9.4	1	209.2 (M:209.2)	5	44.1	1.79	218	1.31	5	27.63
1433B_HUMAN	28.1	4.6	1	779.4 (M:779.4)	15	48.4	2.34	39	1.33!	14	22.65
1433E_HUMAN	29.2	4.5	1	774.6 (M:774.6)	17	40.8	2.42	40	1.34	13	22.13
1433F_HUMAN	28.2	4.6	1	502.8 (M:502.8)	11	28.0	1.99	93	1.31	10	22.78
1433G_HUMAN	28.3	4.7	1	587.5 (M:587.5)	12	31.2	2.03	70	1.52	11	28.77
1433S_HUMAN	27.8	4.5	1	722.1 (M:722.1)	15	39.5	2.07	46	1.21	14	24.24
1433T_HUMAN	27.7	4.5	1	520.6 (M:520.6)	11	27.8	2.11	86	1.39	10	25.48
1433Z_HUMAN	27.7	4.6	3	871.7 (M:871.7)	18	46.1	2.88	29	1.38	16	23.69
rndPGDH_HUMAN	29.0	5.5	1	27.8 (M:27.8)	1	2.3	1344.10	1082			
CN37_HUMAN	47.5	9.8	1	46.8 (M:46.8)	1	2.6	4.10	750	1.05	1	
rndCP39A_HUMAN	54.1	9.6	1	28.0 (M:28.0)	1	1.3	2.92	1074	0.70	1	
PRS6B_HUMAN	47.3	5.0	1	27.1 (M:27.1)	1	2.2	0.44	1107	1.46	1	
PRS8_HUMAN	45.6	7.8	1	97.3 (M:97.3)	2	7.6	1.65	450	1.78	2	3.08
PRS10_HUMAN	44.1	7.8	1	96.7 (M:96.7)	2	5.9	1.78	452	1.09	2	21.01
PSMD1_HUMAN	105.8	5.1	1	41.0 (M:41.0)	1	1.5	3.20	792	1.07	1	
PSD10_HUMAN	24.4	5.7	1	33.6 (M:33.6)	1	3.1	1.70	922	1.03	1	
PSD11_HUMAN	47.4	6.1	1	80.3 (M:80.3)	2	5.9	2.50	530	1.33	2	7.25
PSD12_HUMAN	52.9	8.5	1	34.3 (M:34.3)	1	1.5	6.49	906	1.35	1	
PSDE_HUMAN	34.6	6.1	1	63.5 (M:63.5)	2	4.2	3.72	642	1.64	2	12.37
PSMD2_HUMAN	100.1	4.9	1	89.6 (M:89.6)	3	2.5	2.34	484	1.47	3	9.17
PSMD3_HUMAN	60.9	9.0	1	139.9 (M:139.9)	3	6.0	2.69	339	1.12	3	19.73
PSMD5_HUMAN	56.2	5.2	1	32.7 (M:32.7)	1	2.0	2.42	947	1.16	1	
PSMD6_HUMAN	45.5	5.3	1	72.8 (M:72.8)	2	5.7	2.92	572	1.28	2	1.00
PSMD8_HUMAN	30.0	7.6	1	29.9 (M:29.9)	1	3.1	2.89	1012	1.42	1	
HAP28_HUMAN	20.6	9.4	1	35.4 (M:35.4)	1	6.1	0.90	882	1.20	1	
OGDHL_HUMAN	114.4	6.2	2	28.4 (M:28.4)	1	0.7	1.01	1060	1.48	1	
HCD2_HUMAN	26.9	9.1	1	121.1 (M:121.1)	3	15.7	235.31	374	0.94	3	13.67
RS12_HUMAN	14.5	7.7	1	40.0 (M:40.0)	1	7.6	1.07	806	1.44	1	
RS14_HUMAN	16.3	10.9	1	56.9 (M:56.9)	2	18.5	2.25	687	1.69	2	31.49
RS15A_HUMAN	14.8	10.9	1	60.5 (M:60.5)	2	17.7	2.44	665	1.17	2	11.44
RS25_HUMAN	13.7	10.6	1	47.5 (M:47.5)	1	7.2	2.36	745	1.64	1	
RS28_HUMAN	7.8	11.6	1	32.0 (M:32.0)	1	13.0	2.88	959	1.11	1	
RS3_HUMAN	26.7	10.3	1	293.3 (M:293.3)	8	32.1	1.87	170	1.91	8	36.35
RS3A_HUMAN	29.9	10.4	1	89.1 (M:89.1)	3	9.5	5.92	486	1.37	3	20.83
RS4X_HUMAN	29.6	10.8	3	121.4 (M:121.4)	3	10.6	2.54	373	1.32	3	11.26

RS7_HUMAN	22.1	10.6	1	40.6 (M:40.6)	1	4.1	1.30	798	1.61	1	
RS8_HUMAN	24.2	11.0	1	26.8 (M:26.8)	1	3.4	0.76	1121	1.15	1	
RS9_HUMAN	22.6	11.2	1	37.2 (M:37.2)	1	4.1	0.32	855	1.47	1	
RSSA_HUMAN	32.8	4.6	3	319.1 (M:319.1)	8	33.9	3.01	156	1.24	8	24.54
4F2_HUMAN	68.0	4.7	1	166.0 (M:166.0)	4	6.7	288.95	275	2.20	4	44.96
AL9A1_HUMAN	53.8	5.6	1	134.3 (M:134.3)	3	8.1	3.06	347	1.00	2	19.80
AAKG1_HUMAN	37.6	6.5	1	35.8 (M:35.8)	1	4.8	3.62	876	1.83	1	
5NTD_HUMAN	63.3	6.6	1	39.9 (M:39.9)	1	1.7	0.10	808	1.47	1	
CH60_HUMAN	61.0	5.6	1	627.5 (M:627.5)	11	20.2	1.84	62	1.31	11	19.22
RLA0_HUMAN	34.3	5.6	2	208.0 (M:208.0)	5	23.3	1.91	220	1.19	5	19.13
RLA1_HUMAN	11.5	4.0	1	75.2 (M:75.2)	2	19.3	0.96	560	1.41	2	12.98
RLA2_HUMAN	11.7	4.2	1	92.5 (M:92.5)	2	27.0	2.35	469	1.26	2	31.60
RL11_HUMAN	20.2	10.3	1	83.7 (M:83.7)	2	11.8	1.94	511	1.39	2	17.07
RL12_HUMAN	17.8	10.3	1	134.9 (M:134.9)	4	27.9	4.52	345	1.36	4	50.30
RL13_HUMAN	24.2	12.2	1	88.2 (M:88.2)	2	7.6	1.64	492	1.62	2	11.60
RL14_HUMAN	23.4	11.6	1	26.1 (M:26.1)	1	5.6	2.51	1143	1.24	1	
RL18_HUMAN	21.6	12.3	1	62.5 (M:62.5)	1	6.9	0.07	647	1.82	1	
RL34_HUMAN	13.3	12.4	1	34.7 (M:34.7)	1	6.8	3.65	899	1.22	1	
RL5_HUMAN	34.3	10.2	1	38.2 (M:38.2)	1	4.4	2.62	833	1.27	1	
RL6_HUMAN	32.7	11.1	1	94.0 (M:94.0)	2	11.1	3.90	463	0.83	2	3.01
RL7_HUMAN	29.2	11.1	1	63.8 (M:63.8)	1	2.8	1.72	640	1.83	1	
K6PP_HUMAN	85.5	8.5	1	114.6 (M:114.6)	2	4.0	3.34	391	1.26	2	45.76
K6PL_HUMAN	85.0	7.9	1	168.4 (M:168.4)	3	5.6	4.49	273	1.61	3	29.42
K6PF_HUMAN	85.1	9.2	1	40.1 (M:40.1)	1	1.0	1.11	803	1.18	1	
6PGD_HUMAN	53.1	7.0	1	426.5 (M:426.5)	8	17.4	3.70	113	0.67	8	29.98
6PGL_HUMAN	27.5	5.7	1	69.3 (M:69.3)	2	10.9	4.05	594	0.82	2	6.51
MMP2_HUMAN	73.8	5.1	1	74.4 (M:74.4)	2	2.4	3.66	563	1.67	2	15.75
GRP78_HUMAN	72.3	4.9	1	611.0 (M:611.0)	15	25.1	1.49	66	1.73	14	29.62
THIC_HUMAN	41.3	6.5	1	32.6 (M:32.6)	1	2.8	4.96	948	1.33	1	
THIL_HUMAN	45.2	9.6	1	36.3 (M:36.3)	1	4.0	1.29	867	1.04	1	
ACACA_HUMAN	265.4	5.9	1	58.1 (M:58.1)	1	0.5	3.10	678	1.43	1	
AN32A_HUMAN	28.6	3.8	1	31.7 (M:31.7)	1	3.2	0.85	966	1.76	1	
AN32E_HUMAN	30.7	3.6	1	43.0 (M:43.0)	1	4.5	0.03	779	1.78	1	
ACON_HUMAN	85.4	7.9	1	29.8 (M:29.8)	1	2.1	1.59	1014	0.92	1	
ACTC_HUMAN	42.0	5.1	2	1312.2 (M:1312.2)	24	40.6	3.31	8	0.89!	20	32.99
ACTA_HUMAN	42.0	5.1	2	1255.7 (M:1255.7)	23	40.6	3.17	11	0.86!	20	33.72
ACTG_HUMAN	41.8	5.2	6	1344.4 (M:1344.4)	24	48.3	3.24	7	1.03!	18	27.99
ARP2_HUMAN	44.7	6.3	1	132.0 (M:132.0)	4	7.6	3.32	353	0.97	3	30.93

ARC1A_HUMAN	41.5	9.5	1	26.7 (M:26.7)	1	2.7	1.16	1126	0.88	1	
ARC1B_HUMAN	40.9	9.8	1	33.7 (M:33.7)	1	4.8	0.96	919	1.74	1	
ARPC2_HUMAN	34.3	7.0	1	283.7 (M:283.7)	7	23.3	1.45	173	1.35	7	20.19
ARPC3_HUMAN	20.5	9.5	1	30.2 (M:30.2)	1	3.4	0.90	1005	1.54	1	
ARPC4_HUMAN	19.7	9.4	1	100.3 (M:100.3)	3	16.1	3.58	434	1.33	3	8.68
ARP3_HUMAN	47.3	5.5	2	70.0 (M:70.0)	2	4.1	0.24	587	1.38	2	9.77
rndARP3_HUMAN	47.3	5.5	1	27.7 (M:27.7)	1	2.4	0.25	1088	1.00	1	
TCP4_HUMAN	14.4	10.1	1	75.0 (M:75.0)	2	17.3	0.69	561	1.84	2	6.54
AHSA1_HUMAN	38.3	5.3	1	84.1 (M:84.1)	2	5.3	3.12	510	1.52	2	0.45
ACPH_HUMAN	81.2	5.2	1	29.3 (M:29.3)	1	1.6	0.10	1033	0.96	1	
ACBP_HUMAN	10.0	6.2	1	68.0 (M:68.0)	2	17.2	4.31	602	1.24	2	1.07
LYPA1_HUMAN	24.7	6.3	1	44.0 (M:44.0)	1	3.5	1.51	773	1.59	1	
NECP2_HUMAN	28.3	9.3	2	29.6 (M:29.6)	1	2.3	2.90	1019	1.49	1	
APT_HUMAN	19.6	5.7	1	112.2 (M:112.2)	3	15.6	3.58	401	0.96	3	16.86
SAHH_HUMAN	47.7	5.9	1	88.8 (M:88.8)	2	4.2	1.55	488	1.31	2	20.95
KAD1_HUMAN	21.6	9.4	1	39.4 (M:39.4)	1	5.2	2.57	817	1.03	1	
CAP1_HUMAN	51.8	9.1	2	231.2 (M:231.2)	6	12.0	2.02	204	1.38	5	13.87
AEBP1_HUMAN	130.8	4.9	1	122.3 (M:122.3)	3	2.5	3.53	371	2.00	3	28.78
ADIPO_HUMAN	26.4	5.4	1	94.1 (M:94.1)	2	13.9	197.77	460	0.83	2	5.18
ARF3_HUMAN	20.6	7.7	2	270.0 (M:270.0)	6	32.0	3.07	179	1.32	6	21.99
ARF4_HUMAN	20.5	7.5	1	140.8 (M:140.8)	3	16.1	2.49	337	1.11	3	13.69
ARF5_HUMAN	20.5	6.4	1	231.8 (M:231.8)	5	30.0	3.23	200	1.18	5	14.12
ARF6_HUMAN	20.1	9.6	1	31.8 (M:31.8)	1	5.7	1.30	963	0.85	1	
ARL8B_HUMAN	21.5	9.6	1	33.0 (M:33.0)	1	4.8	2.16	941	1.16	1	
NUDT5_HUMAN	24.3	4.7	1	43.6 (M:43.6)	1	4.1	1.44	776	1.09	1	
AFAM_HUMAN	69.0	5.6	1	341.7 (M:341.7)	8	11.5	3.75	144	0.94	8	30.80
ARK72_HUMAN	39.6	6.8	1	57.1 (M:57.1)	1	5.3	6.87	683	0.62	1	
AGRIN_HUMAN	214.7	6.0	1	264.5 (M:264.5)	7	4.3	2.18	183	1.67	7	28.90
AKA12_HUMAN	191.4	4.2	1	44.6 (M:44.6)	1	0.7	1.03	769	1.46	1	
SYAC_HUMAN	106.7	5.2	1	65.8 (M:65.8)	2	1.7	3.86	629	1.51	2	5.02
AK1A1_HUMAN	36.5	6.4	1	51.8 (M:51.8)	1	2.5	1.46	719	1.28	1	
ADH1B_HUMAN	39.8	9.7	3	245.7 (M:245.7)	6	15.7	4.99	192	0.60	6	30.99
ADH7_HUMAN	40.0	9.4	1	111.6 (M:111.6)	2	6.7	4.22	403	0.46	2	33.89
ADHX_HUMAN	39.7	8.7	1	143.8 (M:143.8)	4	12.8	166.60	328	0.85	4	9.78
AL1B1_HUMAN	57.2	6.4	1	92.4 (M:92.4)	3	7.0	2.09	470	0.89	3	19.95
AL3A1_HUMAN	50.3	6.1	1	65.9 (M:65.9)	2	6.2	300.17	627	0.90	2	1.49
ALDH2_HUMAN	56.3	6.8	3	137.1 (M:137.1)	4	8.3	1.75	340	0.69	4	39.13
AK1BA_HUMAN	36.0	7.8	1	111.6 (M:111.6)	3	9.5	3.09	402	1.05	3	2.15

AK1C2_HUMAN	36.7	7.8	4	27.2 (M:27.2)	1	2.8	0.32	1102	0.97	1	
A1AG1_HUMAN	23.5	4.8	1	888.0 (M:888.0)	16	41.8	3.41	28	0.85!	13	18.11
A1AG2_HUMAN	23.6	4.9	1	984.1 (M:984.1)	17	39.3	213.24	23	0.94	14	25.42
AACT_HUMAN	47.6	5.2	1	577.7 (M:577.7)	13	28.6	161.42	73	0.65	8	29.68
A1AT_HUMAN	46.7	5.3	2	2149.4 (M:2149.4)	47	62.7	179.89	3	0.91!	44	27.65
A1BG_HUMAN	54.2	5.5	1	590.0 (M:590.0)	11	21.8	71.29	69	0.84	11	20.48
A2AP_HUMAN	54.5	5.9	1	90.5 (M:90.5)	3	4.5	1.81	480	1.02	3	16.80
FETUA_HUMAN	39.3	5.4	1	441.4 (M:441.4)	8	18.0	2.46	110	0.82	8	19.49
A2MG_HUMAN	163.2	6.0	2	587.0 (M:587.0)	13	11.0	2.37	71	1.05	13	30.42
AMRP_HUMAN	41.4	9.2	1	31.9 (M:31.9)	1	2.2	3.71	960	2.80	1	
ACTN1_HUMAN	103.0	5.1	2	316.0 (M:316.0)	8	9.5	1.59	160	1.78	8	22.09
ACTN4_HUMAN	104.8	5.2	3	467.2 (M:467.2)	13	16.8	2.34	100	1.53	13	21.38
ADDA_HUMAN	80.9	5.5	1	30.1 (M:30.1)	1	0.8	1.77	1009	0.92	1	
ACTZ_HUMAN	42.6	6.2	1	103.8 (M:103.8)	3	3.7	3.56	427	1.18	2	2.04
CRYAB_HUMAN	20.1	6.9	1	43.0 (M:43.0)	1	6.3	0.70	780			
ENOA_HUMAN	47.1	7.7	3	496.8 (M:496.8)	11	28.1	2.58	96	1.53	11	20.16
SNAAB_HUMAN	33.2	5.1	1	34.5 (M:34.5)	1	3.4	0.45	904	1.23	1	
AIMP2_HUMAN	35.3	9.4	1	25.7 (M:25.7)	1	1.9	1.57	1152	1.79	1	
AMPB_HUMAN	72.5	5.4	1	111.1 (M:111.1)	2	2.9	1.80	405	1.10	2	3.36
AMPN_HUMAN	109.5	5.2	1	66.9 (M:66.9)	2	2.6	2.87	612	2.01	2	15.50
rndAPBB2_HUMAN	83.3	5.6	1	26.5 (M:26.5)	1	1.5	0.12	1130			
A4_HUMAN	86.9	4.6	1	42.9 (M:42.9)	1	1.2	2.96	781	2.07	1	
ANGT_HUMAN	53.1	5.9	1	540.6 (M:540.6)	11	19.6	157.11	82	1.07	10	28.58
ANFY1_HUMAN	128.3	5.7	1	26.1 (M:26.1)	1	0.7	2.42	1141	1.56	1	
ANR11_HUMAN	297.8	6.7	1	32.5 (M:32.5)	1	0.3	2.95	951	1.72	1	
AN18A_HUMAN	115.5	8.8	2	38.0 (M:38.0)	1	0.6	1084.37	839	1.18	1	
ANXA1_HUMAN	38.7	6.7	1	452.8 (M:452.8)	10	24.6	2.08	104	0.96	10	20.43
ANX11_HUMAN	54.4	8.5	2	255.9 (M:255.9)	6	12.9	1.36	186	1.44	6	20.52
ANXA2_HUMAN	38.6	8.5	2	634.5 (M:634.5)	14	38.6	2.33	61	1.72	13	26.60
ANXA3_HUMAN	36.4	5.5	1	73.3 (M:73.3)	2	5.0	3.88	568	1.61	2	1.53
ANXA4_HUMAN	35.9	5.8	1	280.0 (M:280.0)	6	19.1	1.25	175	1.96	6	20.37
ANXA5_HUMAN	35.9	4.8	1	666.4 (M:666.4)	15	38.4	2.01	55	2.16	14	36.60
ANXA6_HUMAN	75.8	5.3	1	859.1 (M:859.1)	20	26.2	1.89	32	1.91	19	32.43
ANXA7_HUMAN	52.7	5.4	1	115.7 (M:115.7)	2	4.1	0.69	389	1.72	2	10.37
AXA82_HUMAN	36.8	5.3	3	180.1 (M:180.1)	3	12.8	2.08	257	1.09	3	26.33
AGR3_HUMAN	19.2	8.9	2	38.3 (M:38.3)	1	6.6	4.25	831	0.43	1	
ANT3_HUMAN	52.6	6.3	1	761.1 (M:761.1)	15	25.6	3.04	41	0.96!	13	16.13
AP1M2_HUMAN	48.1	8.9	2	36.8 (M:36.8)	1	1.9	1.54	864	1.29	1	

APOA1_HUMAN	30.8	5.5	1	666.0 (M:666.0)	15	48.7	3.64	56	0.87	14	14.67
APOA2_HUMAN	11.2	7.1	1	35.4 (M:35.4)	1	8.0	1.45	883	0.84	1	
APOA4_HUMAN	45.4	5.2	1	66.6 (M:66.6)	2	4.3	1.94	616	1.40	2	10.02
APOB_HUMAN	515.2	6.6	1	1067.0 (M:1067.0)	25	6.6	3.03	15	0.98	25	15.76
APOC1_HUMAN	9.3	9.3	1	28.8 (M:28.8)	1	10.8	1.15	1046	1.20	1	
APOC2_HUMAN	11.3	4.5	1	31.2 (M:31.2)	1	8.9	1.51	980	1.08	1	
APOC3_HUMAN	10.8	5.1	1	28.9 (M:28.9)	1	16.2	538.10	1043	1.36	1	
APOD_HUMAN	21.3	4.9	1	185.5 (M:185.5)	4	19.6	2.10	250	0.99	4	9.94
APOE_HUMAN	36.1	5.5	1	140.4 (M:140.4)	4	12.3	3.70	338	1.43	4	14.61
APOF_HUMAN	33.4	5.2	1	37.9 (M:37.9)	1	4.5	5.23	840	1.24	1	
APOM_HUMAN	21.2	5.6	2	118.0 (M:118.0)	4	24.5	4.49	382	1.48	4	25.69
rndAGA10_HUMAN	72.7	6.5	1	42.4 (M:42.4)	1	1.1	1.29	783	0.85	1	
ASSY_HUMAN	46.5	8.9	1	94.2 (M:94.2)	3	6.6	3.53	459	1.29	3	10.40
SYRC_HUMAN	75.3	6.3	1	27.6 (M:27.6)	1	1.5	1.57	1092	1.27	1	
AATM_HUMAN	47.4	9.8	1	56.8 (M:56.8)	1	4.9	1.58	688	1.28	1	
DNPEP_HUMAN	52.4	7.3	1	48.9 (M:48.9)	1	2.9	2.06	736	1.00	1	
SYDC_HUMAN	57.1	6.1	1	29.3 (M:29.3)	1	2.0	1.98	1032	1.46	1	
PEA15_HUMAN	15.0	4.8	1	79.4 (M:79.4)	2	14.6	3.14	535	1.20	2	10.73
ATLA3_HUMAN	60.5	5.3	1	33.1 (M:33.1)	1	2.2	1.95	937	0.48	1	
AT5G1_HUMAN	14.3	10.9	3	47.7 (M:47.7)	1	5.1	0.33	744	1.46	1	
ATPA_HUMAN	59.7	9.6	3	367.1 (M:367.1)	10	14.8	3.05	134	0.95	10	27.31
ATPB_HUMAN	56.5	5.1	1	447.3 (M:447.3)	10	27.0	156.32	107	1.08	10	18.85
ATPG_HUMAN	33.0	9.7	1	72.9 (M:72.9)	2	7.0	2.81	571	1.22	2	14.20
ASNA_HUMAN	38.8	4.7	1	31.4 (M:31.4)	1	2.6	6.20	974	1.25	1	
ABCB9_HUMAN	84.4	8.8	1	28.0 (M:28.0)	1	0.9	6.41	1071	0.76	1	
ABCF1_HUMAN	95.9	6.4	1	36.3 (M:36.3)	1	1.8	2.95	868	1.52	1	
KU70_HUMAN	69.8	6.2	1	27.8 (M:27.8)	1	2.0	1.40	1083	1.41	1	
KU86_HUMAN	82.7	5.5	1	37.7 (M:37.7)	1	1.9	2.40	843	1.57	1	
RECQ1_HUMAN	73.4	9.0	1	25.8 (M:25.8)	1	2.3	0.04	1150	1.01	1	
DHX9_HUMAN	140.9	6.4	1	30.0 (M:30.0)	1	0.8	0.41	1011	1.11	1	
DDX1_HUMAN	82.4	6.9	1	45.9 (M:45.9)	1	1.2	1.62	756	1.65	1	
DDX3Y_HUMAN	73.1	7.8	2	40.3 (M:40.3)	1	1.8	7.02	801	1.33	1	
rndDDX42_HUMAN	102.9	6.6	1	38.7 (M:38.7)	1	0.7	0.50	827	4.09	1	
AXN1_HUMAN	95.6	6.5	9	62.3 (M:62.3)	2	1.3	4.87	649	0.86	2	51.65
BAG3_HUMAN	61.6	6.5	1	46.1 (M:46.1)	1	2.4	3.92	754	1.22	1	
BCAM_HUMAN	67.4	5.5	1	28.6 (M:28.6)	1	1.8	2.99	1052	1.15	1	
PGBM_HUMAN	468.5	6.1	1	474.3 (M:474.3)	10	3.2	2.06	99	2.19	10	50.17
BASI_HUMAN	42.2	5.3	1	147.3 (M:147.3)	4	10.9	3.50	315	1.99	4	41.90

BAP29_HUMAN	28.3	10.1	1	35.3 (M:35.3)	1	2.9	2.25	886	1.56	1	
BAP31_HUMAN	28.0	9.1	1	217.6 (M:217.6)	5	22.8	2.27	211	2.07	5	57.75
B4GT1_HUMAN	43.9	9.6	1	28.4 (M:28.4)	1	2.0	1.67	1062	2.08	1	
SNTB1_HUMAN	58.0	9.5	1	37.4 (M:37.4)	1	3.3	2.11	852			
B2MG_HUMAN	13.7	6.1	1	47.9 (M:47.9)	1	8.4	1.50	743	3.42	1	
CNDP1_HUMAN	56.7	5.0	1	83.5 (M:83.5)	2	4.3	4.31	512	0.99	2	0.33
HEXB_HUMAN	63.1	6.3	1	34.6 (M:34.6)	1	1.8	0.65	900	1.63	1	
PGFRB_HUMAN	123.9	4.7	1	77.6 (M:77.6)	2	2.0	1.25	546	1.78	2	1.07
SYEP_HUMAN	170.5	7.2	2	189.3 (M:189.3)	5	3.1	2.81	241	1.24	5	16.81
rndNDST1_HUMAN	100.8	8.8	1	27.7 (M:27.7)	1	1.2	701.43	1086			
PUR9_HUMAN	64.6	6.3	1	37.9 (M:37.9)	1	1.9	6.64	841	0.98	1	
PGS1_HUMAN	41.6	7.9	2	72.4 (M:72.4)	2	3.8	2.13	573	1.26	2	6.64
BST2_HUMAN	19.8	5.3	1	39.5 (M:39.5)	1	5.6	3.43	814	1.84	1	
BASP1_HUMAN	22.7	4.5	1	162.6 (M:162.6)	3	16.3	1.45	284	2.56	3	17.72
BAIP2_HUMAN	60.8	9.5	1	29.8 (M:29.8)	1	1.6	0.11	1016	1.43	1	
KCD12_HUMAN	35.7	5.4	2	69.3 (M:69.3)	2	7.1	2.39	595	1.07	2	7.78
C1TC_HUMAN	101.5	7.0	1	143.3 (M:143.3)	4	5.7	255.22	332	1.23	4	6.99
CADH1_HUMAN	97.4	4.4	1	208.3 (M:208.3)	5	7.6	1.76	219	1.54	5	11.88
CAD13_HUMAN	78.2	4.7	1	99.6 (M:99.6)	2	3.5	1.89	438	1.56	2	38.61
rndCAD23_HUMAN	369.3	4.3	1	25.9 (M:25.9)	1	0.3	5.16	1148			
CADH3_HUMAN	91.4	4.5	1	52.4 (M:52.4)	1	1.7	0.24	715	2.56	1	
CANB1_HUMAN	19.3	4.5	1	86.0 (M:86.0)	2	10.0	668.92	504	1.36	2	9.91
CPPED_HUMAN	35.6	5.8	1	67.6 (M:67.6)	2	6.1	1.09	604	1.96	1	
CLCA4_HUMAN	101.2	5.2	1	450.5 (M:450.5)	9	12.2	149.89	106	0.44!	8	31.32
CB39L_HUMAN	39.1	9.2	1	29.1 (M:29.1)	1	2.7	2.86	1037	1.36	1	
CHSP1_HUMAN	15.9	9.5	1	30.2 (M:30.2)	1	10.9	0.46	1006	0.89	1	
CYBP_HUMAN	26.2	9.0	1	77.6 (M:77.6)	2	5.7	0.23	545	1.02	2	47.61
CALD1_HUMAN	93.2	5.5	3	371.8 (M:371.8)	8	9.1	2.04	132	1.28	7	40.25
CALM_HUMAN	16.8	3.9	2	231.5 (M:231.5)	6	23.5	1.17	201	1.65	6	16.84
CALL3_HUMAN	16.9	4.1	1	205.0 (M:205.0)	6	30.9	1.70	224	1.63	6	12.66
CALL5_HUMAN	15.9	4.1	1	64.9 (M:64.9)	2	21.2	278.30	632	2.07	2	5.94
CALX_HUMAN	67.5	4.3	1	31.3 (M:31.3)	1	1.2	1.61	978	1.72	1	
CPNS1_HUMAN	28.3	4.9	2	166.0 (M:166.0)	4	12.3	2.99	276	1.19	4	19.83
CAN1_HUMAN	81.8	5.4	1	253.5 (M:253.5)	7	10.2	1.65	188	1.07	7	16.94
CAN2_HUMAN	80.0	4.7	1	156.6 (M:156.6)	4	6.6	2.88	298	1.26	4	18.78
ICAL_HUMAN	76.5	4.8	1	78.8 (M:78.8)	2	2.1	1.12	536	0.98	2	0.30
CNN1_HUMAN	33.1	9.7	1	107.7 (M:107.7)	2	6.4	2.85	415	0.54	2	7.68
CNN3_HUMAN	36.4	5.6	1	27.6 (M:27.6)	1	3.0	3.14	1089	1.13	1	

CALR_HUMAN	48.1	4.1	1	189.9 (M:189.9)	5	11.5	1.97	240	2.08	5	19.78
CSTN1_HUMAN	109.7	4.7	1	144.0 (M:144.0)	4	3.0	3.81	326	4.13	4	36.61
CALU_HUMAN	37.1	4.3	1	30.4 (M:30.4)	1	3.8	2.23	1002	2.64	1	
KAP0_HUMAN	43.0	5.1	1	64.4 (M:64.4)	1	3.4	1.00	635			
KAP2_HUMAN	45.5	4.8	2	36.2 (M:36.2)	1	3.7	5.11	870	0.93	1	
CLIP1_HUMAN	162.1	5.2	1	49.9 (M:49.9)	1	1.0	2.19	729	1.22	1	
CAH1_HUMAN	28.9	6.7	1	317.8 (M:317.8)	6	26.8	3.01	158	1.19	6	18.22
CAH2_HUMAN	29.2	7.0	1	133.3 (M:133.3)	4	18.8	403.13	350	1.30	4	29.33
CBR1_HUMAN	30.4	9.5	2	262.7 (M:262.7)	6	27.8	3.04	185	1.04	6	12.05
CBPA4_HUMAN	47.3	6.2	1	33.7 (M:33.7)	1	2.4	2.35	920	1.66	1	
CBPB2_HUMAN	48.4	8.5	1	91.3 (M:91.3)	3	5.7	2.31	476	1.55	3	10.29
CPN2_HUMAN	60.6	5.6	1	71.3 (M:71.3)	1	2.8	3.88	581	0.99	1	
CEAM5_HUMAN	76.7	5.3	3	184.2 (M:184.2)	4	8.1	2.43	252	1.32	4	24.88
CEAM8_HUMAN	38.1	7.7	1	71.2 (M:71.2)	2	6.6	0.70	582	1.76	2	0.26
CAR16_HUMAN	22.6	9.7	2	31.5 (M:31.5)	1	4.1	3.71	973	0.98	1	
CASPE_HUMAN	27.7	5.3	5	146.0 (M:146.0)	4	15.3	3.98	318	1.64	4	5.67
CATA_HUMAN	59.7	7.0	1	247.2 (M:247.2)	5	12.1	1.75	189	1.14	5	16.20
COMT_HUMAN	30.0	5.2	1	109.6 (M:109.6)	3	9.2	3.09	411	0.82	3	17.79
CTNA1_HUMAN	100.0	5.9	1	28.3 (M:28.3)	1	0.8	0.70	1065	1.42	1	
CATB_HUMAN	37.8	5.9	1	104.2 (M:104.2)	3	6.8	2.01	425	1.90	3	33.16
CATD_HUMAN	44.5	6.1	1	143.8 (M:143.8)	3	10.2	1.26	327	1.59	3	16.27
CATS_HUMAN	37.5	9.4	1	129.6 (M:129.6)	3	8.8	2.98	358	2.74	3	22.09
MPRD_HUMAN	31.0	5.5	1	71.9 (M:71.9)	2	7.2	4.47	579	2.96	2	11.19
CAV1_HUMAN	20.5	5.6	1	47.2 (M:47.2)	1	5.1	3.07	747	1.33	1	
CD166_HUMAN	65.1	5.9	1	84.9 (M:84.9)	2	4.3	1.90	505	1.40	2	12.35
CD209_HUMAN	45.7	5.3	2	109.6 (M:109.6)	3	7.7	4.28	410	1.53	3	6.70
CD302_HUMAN	26.2	4.3	1	35.0 (M:35.0)	1	3.4	0.60	893	1.64	1	
CD44_HUMAN	81.5	5.0	1	223.1 (M:223.1)	4	3.9	3.47	209	2.02	3	8.10
CD63_HUMAN	25.6	9.5	1	34.2 (M:34.2)	1	3.4	1.01	911	2.04	1	
CD82_HUMAN	29.6	5.0	1	90.0 (M:90.0)	2	9.4	6.06	481	1.75	2	22.42
CD9_HUMAN	25.4	7.7	1	67.0 (M:67.0)	2	7.5	3.18	610	1.50	2	2.94
CD99_HUMAN	18.8	4.4	1	80.1 (M:80.1)	2	10.3	2.00	532	1.94	2	20.78
CABL1_HUMAN	67.6	10.2	1	58.3 (M:58.3)	1	2.2	6.98	677			
CADM1_HUMAN	48.5	4.8	1	94.4 (M:94.4)	2	4.8	1.08	456	1.17	2	1.07
CDC42_HUMAN	21.3	5.7	1	51.2 (M:51.2)	1	4.2	2.30	721	1.34	1	
rndCDK10_HUMAN	41.0	9.9	1	25.7 (M:25.7)	1	2.5	913.40	1153	0.67	1	
MUC18_HUMAN	71.6	5.5	1	325.0 (M:325.0)	7	13.0	2.07	152	1.38	7	25.13
CP135_HUMAN	133.4	5.8	2	60.3 (M:60.3)	2	0.9	4.18	666	0.66	2	23.58

CERU_HUMAN	122.1	5.4	1	1141.9 (M:1141.9)	24	18.4	0.97	13	0.94	22	29.20
CH3L1_HUMAN	42.6	9.4	1	192.2 (M:192.2)	4	13.3	1.28	236	1.80	4	13.05
CLIC1_HUMAN	26.9	4.9	1	188.3 (M:188.3)	4	21.2	1.74	243	1.18	4	3.72
CLIC2_HUMAN	28.3	5.3	4	35.7 (M:35.7)	1	3.2	1.87	878	1.35	1	
rndCP46A_HUMAN	56.8	9.9	1	27.2 (M:27.2)	1	1.4	1115.19	1103	0.74	1	
CISY_HUMAN	51.7	9.1	1	98.3 (M:98.3)	2	4.5	2.48	442	1.28	2	17.45
CLH1_HUMAN	191.5	5.4	2	567.7 (M:567.7)	15	11.5	2.74	77	1.39	15	32.22
CLCA_HUMAN	27.1	4.3	1	105.3 (M:105.3)	3	10.5	0.64	420	2.27	3	16.31
CLCB_HUMAN	25.2	4.4	1	158.8 (M:158.8)	4	15.3	1.24	291	1.59	4	14.81
CPSF3_HUMAN	77.4	5.3	1	28.4 (M:28.4)	1	1.5	1.61	1063	1.52	1	
CLUS_HUMAN	52.5	5.9	5	432.7 (M:432.7)	9	15.1	3.12	112	1.21	7	14.58
FA12_HUMAN	67.8	9.4	1	34.6 (M:34.6)	1	1.5	6.51	901	1.34	1	
F13A_HUMAN	83.2	5.7	1	68.0 (M:68.0)	2	2.9	4.53	601	1.02	2	23.07
COPA_HUMAN	138.3	8.5	1	110.0 (M:110.0)	3	2.4	4.30	409	1.15	3	63.37
COPB_HUMAN	107.1	5.7	19	266.6 (M:266.6)	6	6.9	1.35	181	1.34	6	15.63
COPB2_HUMAN	102.4	5.0	1	73.2 (M:73.2)	2	2.3	1.40	569	1.24	2	21.49
COPG_HUMAN	97.7	5.2	1	52.2 (M:52.2)	2	1.9	4.68	716	1.67	2	23.59
COF1_HUMAN	18.5	9.1	2	149.1 (M:149.1)	3	18.7	1.45	311	1.17	3	8.49
CCD80_HUMAN	108.1	10.2	1	65.9 (M:65.9)	2	2.1	1.06	628	1.87	2	49.48
CO5A1_HUMAN	183.4	4.8	1	175.4 (M:175.4)	5	3.3	4.33	261	2.20	5	55.07
CO6A1_HUMAN	108.5	5.1	1	25.6 (M:25.6)	1	1.4	1.29	1155	1.79	1	
COCA1_HUMAN	332.9	5.3	1	51.9 (M:51.9)	2	0.6	2.49	718	1.67	2	39.87
COEA1_HUMAN	193.4	5.0	2	271.4 (M:271.4)	7	5.0	2.24	178	1.10	7	18.78
COIA1_HUMAN	178.1	5.6	1	38.0 (M:38.0)	1	0.6	1.09	835	1.54	1	
CO6A3_HUMAN	343.5	6.3	1	705.9 (M:705.9)	18	6.8	140.13	50	1.23	18	27.46
rndCO6A6_HUMAN	247.0	6.4	5	52.8 (M:52.8)	2	0.6	761.41	713	0.84	2	19.18
CTHR1_HUMAN	26.2	9.5	1	158.4 (M:158.4)	3	11.5	2.60	292	4.76	3	49.12
C1QL3_HUMAN	26.7	6.3	1	29.0 (M:29.0)	1	3.5	715.53	1041	1.14	1	
C1S_HUMAN	76.6	4.7	2	314.0 (M:314.0)	6	10.9	1.98	163	1.29!	6	24.67
CO3_HUMAN	187.0	6.0	1	192.0 (M:192.0)	6	4.5	3.56	237	1.34!	5	14.37
CO4A_HUMAN	192.7	6.7	2	906.0 (M:906.0)	21	14.3	2.43	25	1.35!	19	21.22
CO5_HUMAN	188.2	6.1	4	679.8 (M:679.8)	18	10.8	111.88	53	1.37	18	19.22
C1QBP_HUMAN	31.3	4.6	1	88.6 (M:88.6)	2	9.9	1.44	489	1.51	2	26.84
CO6_HUMAN	104.7	6.4	1	335.1 (M:335.1)	8	8.2	2.57	148	1.31	8	21.08
CO8A_HUMAN	65.1	6.1	1	144.8 (M:144.8)	3	4.6	3.20	325	1.25	3	3.24
CO8B_HUMAN	67.0	9.5	1	29.9 (M:29.9)	1	1.9	3.10	1013	1.41	1	
CO8G_HUMAN	22.3	9.4	1	171.8 (M:171.8)	3	23.3	284.98	268	1.39	3	22.12
CO9_HUMAN	63.1	5.3	2	603.3 (M:603.3)	14	18.2	2.03	67	1.48	13	17.86

DAF_HUMAN	41.4	9.1	1	39.2 (M:39.2)	1	3.1	0.54	818	1.61	1	
CFAB_HUMAN	85.5	6.7	2	1005.7 (M:1005.7)	21	18.8	1.84	20	1.33!	21	21.28
CFAH_HUMAN	139.0	6.2	2	322.5 (M:322.5)	8	5.8	3.17	154	1.08	8	26.39
FHR1_HUMAN	37.6	8.7	2	143.7 (M:143.7)	3	8.8	2.96	331	1.13	3	9.36
CFAI_HUMAN	65.7	9.0	2	141.8 (M:141.8)	4	8.1	2.53	336	1.04	4	13.13
COG3_HUMAN	94.0	5.3	1	30.1 (M:30.1)	1	0.7	1.72	1008	1.71	1	
CSN4_HUMAN	46.2	5.5	1	81.4 (M:81.4)	2	5.4	1.46	520	1.42	2	10.15
CSN6_HUMAN	36.1	5.4	1	37.4 (M:37.4)	1	4.6	0.40	851	1.42	1	
CPNE3_HUMAN	60.1	5.5	7	54.2 (M:54.2)	2	4.7	1.31	704	1.62	2	6.34
CRNN_HUMAN	53.5	5.7	1	243.2 (M:243.2)	5	12.9	5.56	195	0.46	4	67.28
COR1A_HUMAN	51.0	6.3	1	145.2 (M:145.2)	3	7.4	2.12	321	1.81	3	4.25
COR1C_HUMAN	53.2	6.7	1	91.0 (M:91.0)	2	3.8	4.51	477	1.15	2	21.18
CBG_HUMAN	45.1	5.6	1	350.7 (M:350.7)	7	24.7	4.01	141	1.16	7	25.00
KCRB_HUMAN	42.6	5.2	1	125.9 (M:125.9)	3	13.6	3.21	364	1.04	2	42.89
KCRU_HUMAN	47.0	9.4	1	29.6 (M:29.6)	1	3.1	4.51	1020	1.12	1	
rndCRTC2_HUMAN	73.3	6.6	1	27.1 (M:27.1)	1	0.9	6.41	1106	1.20	1	
CLC11_HUMAN	35.7	4.9	1	33.1 (M:33.1)	1	3.7	3.57	938	2.83	1	
CUL2_HUMAN	86.9	6.5	1	40.8 (M:40.8)	1	1.3	1.07	795	0.90	1	
CUL4A_HUMAN	87.6	9.0	1	27.0 (M:27.0)	1	1.6	3.91	1114	1.61	1	
CUL4B_HUMAN	102.2	8.8	1	26.9 (M:26.9)	1	0.8	0.99	1119	1.27	1	
CAND1_HUMAN	136.3	5.4	1	74.2 (M:74.2)	2	1.7	2.37	564	1.21	2	19.91
C19L1_HUMAN	60.6	7.1	1	33.9 (M:33.9)	1	1.5	0.12	915	1.75	1	
ATF6B_HUMAN	76.7	5.9	1	26.0 (M:26.0)	1	1.4	857.49	1145			
CYTA_HUMAN	11.0	5.3	1	246.8 (M:246.8)	5	45.9	2.84	191	1.15	5	25.04
CYTB_HUMAN	11.1	7.9	1	362.4 (M:362.4)	7	67.3	3.16	137	0.61	5	31.32
CSRP1_HUMAN	20.6	10.0	1	80.7 (M:80.7)	2	13.0	4.53	526	0.67	2	1.26
CDD_HUMAN	16.2	7.5	1	28.2 (M:28.2)	1	4.8	7.82	1068	1.78	1	
QCR1_HUMAN	52.6	5.9	1	33.4 (M:33.4)	1	2.1	1.84	924	0.85	1	
CYC_HUMAN	11.7	10.1	1	181.4 (M:181.4)	5	30.5	2.71	254	1.05	4	20.74
rndCP2AD_HUMAN	56.7	9.9	1	32.6 (M:32.6)	1	1.8	824.91	949	1.30	1	
ACOC_HUMAN	98.3	6.2	1	59.8 (M:59.8)	2	1.3	2.59	672	1.28	2	1.70
DYHC1_HUMAN	532.1	6.0	1	709.3 (M:709.3)	19	4.6	2.35	49	1.22	19	17.03
AMPL_HUMAN	56.1	9.0	1	101.5 (M:101.5)	3	5.4	1.47	432	1.47	3	11.78
CNDP2_HUMAN	52.8	5.6	1	148.9 (M:148.9)	4	9.9	2.55	313	1.21	4	19.51
SERA_HUMAN	56.6	6.3	1	73.1 (M:73.1)	2	3.4	4.45	570	0.98	1	
MOXD1_HUMAN	69.6	6.0	1	26.1 (M:26.1)	1	1.6	1.95	1140	1.97	1	
DOPD_HUMAN	12.7	7.8	2	222.3 (M:222.3)	4	26.3	3.54	210	1.12	3	15.20
P5CS_HUMAN	87.2	6.7	1	45.2 (M:45.2)	1	1.0	0.99	762	2.01	1	

HEM2_HUMAN	36.3	6.4	1	35.2 (M:35.2)	1	5.8	1.64	888	0.64	1	
DCD_HUMAN	11.3	6.1	1	162.3 (M:162.3)	3	15.5	1.83	285	1.97	2	6.57
DESM_HUMAN	53.5	5.1	1	447.0 (M:447.0)	9	16.8	2.56	108	2.75	8	67.55
DSC2_HUMAN	99.9	5.1	1	83.5 (M:83.5)	2	2.1	3.24	513	0.90	2	7.97
DSC3_HUMAN	99.9	5.7	1	68.6 (M:68.6)	2	2.5	1.25	598	1.40	2	31.53
DSG1_HUMAN	113.6	4.8	1	86.5 (M:86.5)	2	2.9	2.74	500	1.84	2	7.36
DSG2_HUMAN	122.2	5.0	1	35.0 (M:35.0)	1	0.9	3.81	895	2.85	1	
DSG3_HUMAN	107.5	4.7	1	197.7 (M:197.7)	5	6.6	0.95	230	1.38	5	40.64
DESP_HUMAN	331.6	6.4	1	35.1 (M:35.1)	1	0.3	0.30	889	1.30	1	
DEST_HUMAN	18.5	9.2	1	90.8 (M:90.8)	2	12.1	2.74	479	0.79	2	13.44
DBLOH_HUMAN	27.1	5.6	1	31.2 (M:31.2)	1	4.2	1.06	981	1.14	1	
ODO2_HUMAN	48.7	9.9	1	135.8 (M:135.8)	4	7.9	2.84	343	1.47	4	12.29
DPYL2_HUMAN	62.3	5.9	1	89.0 (M:89.0)	2	5.6	1.84	487	0.97	2	19.39
DPYL3_HUMAN	61.9	6.0	2	263.1 (M:263.1)	6	12.8	1.64	184	1.22	6	22.51
DPP9_HUMAN	98.2	6.0	1	59.9 (M:59.9)	1	1.4	1.26	671	1.89	1	
DDB1_HUMAN	126.9	5.0	1	78.3 (M:78.3)	2	1.8	3.23	539	1.52	2	5.30
rndXPF_HUMAN	104.4	6.5	3	54.8 (M:54.8)	1	1.2	4.94	701	1.07	1	
MCM2_HUMAN	101.8	5.2	1	47.3 (M:47.3)	1	2.2	0.57	746	0.86	1	
MCM3_HUMAN	90.9	5.4	1	39.1 (M:39.1)	1	1.0	3.42	823	1.76	1	
MCM6_HUMAN	92.8	5.2	1	46.6 (M:46.6)	1	1.5	2.37	751	1.29	1	
MCM8_HUMAN	93.6	8.7	1	27.3 (M:27.3)	1	0.8	0.64	1100	0.60	1	
PRKDC_HUMAN	468.8	6.8	1	101.8 (M:101.8)	3	0.6	1.58	430	1.89	3	4.71
RPAB3_HUMAN	17.1	4.3	1	60.0 (M:60.0)	2	13.3	1.33	669	1.68	2	7.69
DJB11_HUMAN	40.5	5.8	1	33.3 (M:33.3)	1	2.2	0.09	930	1.79	1	
DCTN1_HUMAN	141.6	5.5	1	105.1 (M:105.1)	3	2.3	1.61	422	2.07	3	44.69
DCTN2_HUMAN	44.2	5.0	1	119.4 (M:119.4)	3	8.7	1.97	378	1.36	3	9.24
DYN2_HUMAN	98.0	7.2	2	54.4 (M:54.4)	2	2.4	6.60	703	1.42	2	16.97
DYH12_HUMAN	356.7	5.8	3	127.3 (M:127.3)	4	0.6	3.43	362	1.14	3	29.43
DMD_HUMAN	426.4	5.6	1	65.5 (M:65.5)	2	0.8	3.13	630	0.81	2	26.10
HUWE1_HUMAN	481.6	5.0	1	67.4 (M:67.4)	2	0.3	3.01	606	0.95	2	45.55
ITCH_HUMAN	102.7	5.9	1	30.8 (M:30.8)	1	0.7	4.56	993	1.65	1	
UFL1_HUMAN	89.5	6.3	1	33.5 (M:33.5)	1	1.0	0.62	923	1.33	1	
EEA1_HUMAN	162.4	5.4	1	173.3 (M:173.3)	4	4.0	211.28	266	1.30	4	17.73
EMAL4_HUMAN	108.8	5.9	1	31.7 (M:31.7)	1	1.2	1.92	968	1.38	1	
ENTP1_HUMAN	57.9	5.9	1	60.7 (M:60.7)	1	1.8	0.41	662	2.23	1	
EHD1_HUMAN	60.6	6.4	2	76.4 (M:76.4)	2	3.7	1.46	553	1.16	2	2.34
EHD2_HUMAN	61.1	6.0	1	121.7 (M:121.7)	3	6.8	4.04	372	0.89	3	5.35
EHD4_HUMAN	61.1	6.3	1	72.3 (M:72.3)	2	3.7	1.50	574	1.30	2	13.07

ETFB_HUMAN	27.8	9.2	1	145.8 (M:145.8)	3	12.5	1.69	319	0.98	3	5.63
EF1A1_HUMAN	50.1	9.7	3	505.9 (M:505.9)	11	22.5	2.79	88	1.16	10	25.68
EF1B_HUMAN	24.7	4.3	1	117.1 (M:117.1)	2	12.4	2.16	383	1.05	2	3.45
EF1D_HUMAN	31.1	4.8	1	223.3 (M:223.3)	5	18.1	2.01	208	1.38	5	21.69
EF1G_HUMAN	50.1	6.3	1	204.0 (M:204.0)	6	11.2	1.56	225	1.50	6	22.92
EF2_HUMAN	95.3	6.4	3	380.2 (M:380.2)	10	9.8	1.89	130	1.45	10	13.42
EFTU_HUMAN	49.5	7.9	1	45.5 (M:45.5)	1	2.7	2.91	761	1.94	1	
EMIL1_HUMAN	106.6	4.9	1	326.6 (M:326.6)	7	9.2	1.57	151	1.71	7	35.26
EGLN_HUMAN	70.5	6.2	1	72.3 (M:72.3)	2	4.3	1.40	575	1.66	2	26.69
SH3G2_HUMAN	39.9	5.2	2	31.0 (M:31.0)	1	2.3	0.78	985	1.19	1	
MA1B1_HUMAN	79.5	7.9	1	68.3 (M:68.3)	2	4.0	3.60	600	1.75	2	18.30
ERP44_HUMAN	46.9	5.0	1	177.4 (M:177.4)	5	10.6	1.28	260	1.89	5	27.55
ENPL_HUMAN	92.4	4.6	2	498.6 (M:498.6)	13	16.3	1.61	95	1.54	13	44.39
CD248_HUMAN	80.8	5.1	1	28.5 (M:28.5)	1	1.6	1.02	1056	1.28	1	
EPCR_HUMAN	26.7	6.9	1	170.5 (M:170.5)	4	15.1	1.71	269	3.00	3	33.87
ECE1_HUMAN	87.1	5.5	1	31.4 (M:31.4)	1	0.9	2.62	977	2.67	1	
ERH_HUMAN	12.3	5.6	1	35.4 (M:35.4)	1	10.6	1.71	884	1.59	1	
ECP_HUMAN	18.4	12.2	1	27.2 (M:27.2)	1	7.5	0.39	1101	3.05	1	
EFNB1_HUMAN	38.0	9.8	1	154.3 (M:154.3)	4	12.4	3.84	304	1.68	4	11.28
ES8L2_HUMAN	80.6	6.4	1	48.2 (M:48.2)	1	1.7	1.21	740	0.88	1	
EPS15_HUMAN	98.6	4.4	1	35.1 (M:35.1)	1	1.5	1.52	891	1.33	1	
DDR1_HUMAN	101.1	6.4	1	29.1 (M:29.1)	1	2.2	6.05	1038	1.26	1	
ERD22_HUMAN	24.4	9.4	1	25.2 (M:25.2)	1	4.7	1.28	1168	1.33	1	
ERO1A_HUMAN	54.4	5.4	1	32.3 (M:32.3)	1	1.5	0.08	955	1.29	1	
STOM_HUMAN	31.7	8.9	1	33.0 (M:33.0)	1	3.5	0.66	940	1.17	1	
ES1_HUMAN	28.2	9.5	1	50.6 (M:50.6)	1	5.6	0.59	728	1.10	1	
IF4A1_HUMAN	46.1	5.2	2	279.9 (M:279.9)	6	17.0	1.84	176	1.40	6	20.44
IF4A3_HUMAN	46.8	6.3	1	70.2 (M:70.2)	2	4.4	1.51	586	1.48	2	4.04
ERF3A_HUMAN	55.7	5.3	1	35.0 (M:35.0)	1	2.0	0.70	894	1.16	1	
ERF1_HUMAN	49.0	5.4	1	37.0 (M:37.0)	1	3.0	1.20	860	1.46	1	
MCA3_HUMAN	19.8	9.1	1	63.1 (M:63.1)	1	6.3	1.51	644	0.78	1	
EIF3A_HUMAN	166.5	6.4	1	54.0 (M:54.0)	1	1.2	485.40	706	1.44	1	
EIF3B_HUMAN	92.4	4.7	1	119.3 (M:119.3)	4	4.4	2.21	379	1.22	4	48.32
EIF3D_HUMAN	63.9	5.7	1	31.9 (M:31.9)	1	0.9	0.79	962	1.66	1	
EIF3F_HUMAN	37.5	5.1	1	110.3 (M:110.3)	2	8.1	4.61	407	1.12	2	15.57
EIF3H_HUMAN	39.9	6.1	1	57.4 (M:57.4)	1	4.0	503.82	682	0.74	1	
EIF3I_HUMAN	36.5	5.3	3	104.3 (M:104.3)	3	8.3	3.70	424	1.39	3	8.61
EIF3M_HUMAN	42.5	5.3	1	39.2 (M:39.2)	1	4.8	1.18	821	1.05	1	

IF4G1_HUMAN	175.4	5.1	1	46.3 (M:46.3)	1	0.8	1.56	753	1.23	1	
IF4G2_HUMAN	102.3	6.8	1	96.6 (M:96.6)	3	2.4	485.92	453	1.28	3	21.03
IF4B_HUMAN	69.1	5.4	1	49.4 (M:49.4)	1	1.6	7.15	732	1.01	1	
4ET_HUMAN	108.1	9.2	1	26.9 (M:26.9)	1	0.7	3.58	1118	1.23	1	
IF4H_HUMAN	27.4	7.5	1	78.6 (M:78.6)	1	5.2	4.63	538	1.86	1	
IF5_HUMAN	49.2	5.3	1	29.4 (M:29.4)	1	1.9	0.92	1027	1.85	1	
IF5A1_HUMAN	16.8	4.9	3	126.9 (M:126.9)	3	18.2	2.07	363	1.47	3	12.30
XPO1_HUMAN	123.3	5.7	1	28.1 (M:28.1)	1	0.7	1.91	1069	1.38	1	
ECM1_HUMAN	60.6	6.3	1	319.6 (M:319.6)	8	16.5	3.83	155	0.58	8	36.67
SODE_HUMAN	25.8	6.2	1	60.2 (M:60.2)	1	5.4	2.78	667	0.73	1	
EZRI_HUMAN	69.4	5.9	1	330.1 (M:330.1)	8	10.6	2.77	149	1.34	8	18.60
CAZA1_HUMAN	32.9	5.4	1	83.2 (M:83.2)	2	7.7	3.18	515	1.36	2	19.79
CAZA2_HUMAN	32.9	5.5	1	32.9 (M:32.9)	1	5.2	1.07	946	1.17	1	
CAPZB_HUMAN	31.3	5.2	1	78.8 (M:78.8)	2	9.7	421.88	537	1.15	2	12.98
FUBP2_HUMAN	73.1	7.0	1	51.6 (M:51.6)	1	1.5	3.44	720	3.55	1	
FSCN1_HUMAN	54.5	7.0	1	123.8 (M:123.8)	3	7.1	2.47	367	1.88	3	8.01
FAS_HUMAN	273.3	6.0	1	195.0 (M:195.0)	5	2.0	1.75	234	1.31	5	18.01
FABP5_HUMAN	15.2	7.5	1	84.5 (M:84.5)	2	11.9	3.02	506	1.68	2	9.89
FERM2_HUMAN	77.8	6.3	1	174.1 (M:174.1)	4	6.0	1.40	263	0.99	4	18.25
URP2_HUMAN	75.9	6.6	1	77.2 (M:77.2)	2	3.3	1.15	549	1.52	2	34.47
FRIH_HUMAN	21.2	5.2	1	120.3 (M:120.3)	3	15.3	1.02	377	1.43	3	9.21
FRIL_HUMAN	20.0	5.4	1	76.7 (M:76.7)	2	16.0	3.01	552	1.70	2	22.42
FETUB_HUMAN	42.0	6.6	1	156.7 (M:156.7)	4	9.4	1.97	295	1.17	4	21.46
FIBA_HUMAN	94.9	5.6	4	861.5 (M:861.5)	20	16.1	2.51	31	1.04	19	15.47
FIBB_HUMAN	55.9	9.3	1	888.4 (M:888.4)	17	37.1	96.18	27	1.02	15	15.36
FIBG_HUMAN	51.5	5.3	1	799.4 (M:799.4)	17	29.6	2.41	37	1.19	16	18.71
FGL2_HUMAN	50.2	7.7	1	69.3 (M:69.3)	2	4.3	2.60	593	1.55	2	9.52
FMOD_HUMAN	43.2	5.6	1	187.1 (M:187.1)	4	10.4	1.54	247	2.48	4	35.27
FINC_HUMAN	262.4	5.4	1	866.5 (M:866.5)	19	10.2	3.27	30	2.05	19	73.38
FNDC1_HUMAN	204.7	9.8	1	45.0 (M:45.0)	1	0.5	2.29	766	2.25	1	
FBLN1_HUMAN	77.2	4.9	1	57.0 (M:57.0)	1	2.0	2.08	684	1.76	1	
FBLN2_HUMAN	126.5	4.6	1	98.2 (M:98.2)	2	1.6	1.80	443	1.37	2	26.49
FBLN5_HUMAN	50.1	4.4	1	32.9 (M:32.9)	1	1.8	1.55	944	1.93	1	
FCN2_HUMAN	34.0	6.4	2	34.9 (M:34.9)	1	2.2	1.50	897	2.14	1	
FLNA_HUMAN	280.6	5.7	1	3031.2 (M:3031.2)	67	29.4	2.64	1	1.21	63	16.81
FLNB_HUMAN	278.0	5.4	1	525.2 (M:525.2)	13	4.9	2.65	85	1.32	13	15.24
FLNC_HUMAN	290.8	5.6	1	421.6 (M:421.6)	11	4.0	3.43	116	1.18	11	12.37
BLVRB_HUMAN	22.1	7.9	1	91.6 (M:91.6)	2	12.1	1.06	475	1.14	2	5.63

FLOT2_HUMAN	47.0	5.0	1	29.8 (M:29.8)	1	2.8	2.78	1015	0.91	1	
FHL1_HUMAN	36.2	10.5	1	134.2 (M:134.2)	3	9.0	4.51	348	0.81	3	13.75
ALDOA_HUMAN	39.4	9.2	1	313.2 (M:313.2)	6	16.2	1.27	164	1.43	5	26.18
FUMH_HUMAN	54.6	9.4	1	89.2 (M:89.2)	2	4.5	1.54	485	1.37	2	10.26
LEG1_HUMAN	14.7	5.2	1	184.9 (M:184.9)	4	25.2	0.93	251	2.32	4	15.24
LEG3_HUMAN	26.1	9.1	1	131.6 (M:131.6)	3	14.8	1.58	354	1.17	3	11.88
LG3BP_HUMAN	65.3	5.0	1	114.1 (M:114.1)	3	6.0	2.11	394	1.65	3	9.49
LEG7_HUMAN	15.1	8.0	1	161.7 (M:161.7)	3	27.2	2.60	287	1.14	3	22.22
LEG9_HUMAN	39.5	10.2	1	42.1 (M:42.1)	1	3.9	0.43	785	0.96	1	
ADDG_HUMAN	79.1	5.9	1	30.8 (M:30.8)	1	1.6	1.43	994	1.42	1	
GGH_HUMAN	35.9	6.8	1	25.3 (M:25.3)	1	2.2	1.49	1166	1.77	1	
GGCT_HUMAN	21.0	4.9	1	60.1 (M:60.1)	2	12.2	1.29	668	1.78	2	4.20
SAP3_HUMAN	20.8	5.0	1	94.4 (M:94.4)	3	13.0	4.00	457	1.46	3	0.81
GFRA1_HUMAN	51.4	9.5	1	33.8 (M:33.8)	1	1.3	1.41	916	0.87	1	
GELS_HUMAN	85.6	5.9	1	193.9 (M:193.9)	6	8.1	2.51	235	1.36	6	24.11
USO1_HUMAN	107.8	4.7	1	61.2 (M:61.2)	2	1.5	1.48	657	1.71	2	7.75
GMFG_HUMAN	16.8	5.0	2	98.3 (M:98.3)	2	13.4	0.93	441	1.28	2	18.00
GDN_HUMAN	44.0	10.0	1	37.6 (M:37.6)	1	2.3	8.67	846	1.96	1	
PGM2L_HUMAN	70.4	7.0	1	38.8 (M:38.8)	1	1.8	8.42	825	2.16	1	
G6PD_HUMAN	59.2	6.4	1	77.0 (M:77.0)	2	5.0	2.08	550	1.47	2	19.25
G6PI_HUMAN	63.1	9.1	2	424.9 (M:424.9)	11	18.3	1.27	115	1.27	10	11.24
GLU2B_HUMAN	59.4	4.2	1	133.8 (M:133.8)	3	5.5	2.51	349	1.97	3	10.60
DHE3_HUMAN	61.4	8.5	2	86.2 (M:86.2)	2	3.2	2.70	503	1.15	2	25.69
SYQ_HUMAN	87.7	6.8	1	97.4 (M:97.4)	2	2.2	1.07	448	1.20	2	13.69
GLRX3_HUMAN	37.4	5.2	1	38.6 (M:38.6)	1	3.6	3.12	828	1.49	1	
GSHR_HUMAN	56.2	9.6	1	114.5 (M:114.5)	3	6.5	1.80	392	1.44	3	18.11
rndGSTM3_HUMAN	26.5	5.2	2	29.0 (M:29.0)	1	2.2	8.54	1042	1.06	1	
GSTO1_HUMAN	27.5	6.3	1	61.3 (M:61.3)	2	9.5	2.95	655	1.52	2	7.46
GSTP1_HUMAN	23.3	5.3	1	164.7 (M:164.7)	4	20.0	0.96	279	1.36	4	18.63
G3P_HUMAN	36.0	9.3	2	440.1 (M:440.1)	10	28.7	2.30	111	1.58	10	42.46
PYGB_HUMAN	96.6	6.4	3	161.9 (M:161.9)	5	6.3	2.28	286	0.91	5	25.94
PYGL_HUMAN	97.1	6.8	1	93.4 (M:93.4)	3	3.0	3.24	465	1.41	3	16.13
NMT1_HUMAN	56.8	8.5	1	30.1 (M:30.1)	1	2.6	1.82	1007	1.25	1	
SYG_HUMAN	83.1	6.7	1	231.3 (M:231.3)	5	6.8	3.79	202	1.52	5	6.96
GPC1_HUMAN	61.6	7.8	1	74.2 (M:74.2)	2	4.5	2.17	565	1.34	2	11.99
GOLM1_HUMAN	45.3	4.8	1	29.5 (M:29.5)	1	3.0	3.08	1024	1.40	1	
GCP60_HUMAN	60.6	4.9	1	51.2 (M:51.2)	1	4.5	0.73	722			
GAPR1_HUMAN	17.2	10.0	1	81.7 (M:81.7)	2	13.6	2.23	518	1.19	2	21.86

GRN_HUMAN	63.5	6.5	1	28.2 (M:28.2)	1	1.7	0.62	1067	1.27	1	
RASN_HUMAN	21.2	4.9	3	29.4 (M:29.4)	1	5.8	2.16	1030	1.88	1	
RAN_HUMAN	24.4	7.8	1	172.9 (M:172.9)	4	23.1	1.36	267	1.31	4	16.18
SAR1A_HUMAN	22.4	6.2	1	76.4 (M:76.4)	2	4.0	2.08	554	1.26	2	0.38
GNAI2_HUMAN	40.4	5.2	6	82.4 (M:82.4)	2	6.8	288.27	516	1.12	2	28.83
GBB3_HUMAN	37.2	5.3	4	39.9 (M:39.9)	1	2.9	2.22	809	1.72	1	
GNAS2_HUMAN	45.6	5.5	2	32.9 (M:32.9)	1	2.3	3.45	945	1.37	1	
GBLP_HUMAN	35.1	8.9	1	154.4 (M:154.4)	4	11.4	1.64	302	1.30	4	19.13
GBP6_HUMAN	72.4	6.0	3	419.9 (M:419.9)	12	16.4	4.32	117	0.62	12	24.15
HPT_HUMAN	45.2	6.1	1	1255.8 (M:1255.8)	23	27.1	2.50	10	0.76	22	31.05
HPTR_HUMAN	39.0	6.7	1	729.5 (M:729.5)	14	22.4	3.00	43	0.82	14	28.08
HSP71_HUMAN	70.0	5.4	2	829.9 (M:829.9)	17	27.0	3.32	34	1.01!	14	27.30
HSP74_HUMAN	94.3	5.0	1	179.5 (M:179.5)	4	5.8	2.28	259	1.06	4	17.80
HSP7C_HUMAN	70.9	5.2	2	827.5 (M:827.5)	19	31.0	1.87	36	1.46	17	35.02
HS105_HUMAN	96.8	5.1	1	83.3 (M:83.3)	2	2.0	3.55	514	1.89	2	2.30
TRAP1_HUMAN	80.1	9.0	1	151.7 (M:151.7)	3	5.8	3.52	306	1.18	3	12.02
HSPB1_HUMAN	22.8	6.0	1	594.8 (M:594.8)	13	54.1	3.55	68	1.07	11	26.36
HS90A_HUMAN	84.6	4.8	3	737.5 (M:737.5)	15	21.3	2.86	42	1.21	15	19.60
HS90B_HUMAN	83.2	4.8	5	828.1 (M:828.1)	19	26.5	3.31	35	1.27	19	23.35
HSP72_HUMAN	70.0	5.4	1	426.0 (M:426.0)	9	11.4	1.74	114	1.25	7	31.24
rndHMCN1_HUMAN	613.0	6.1	1	26.2 (M:26.2)	1	0.1	7.57	1139	1.66	1	
HBA_HUMAN	15.2	9.4	2	727.2 (M:727.2)	15	66.9	69.87	44	0.93!	14	38.65
HBB_HUMAN	16.0	6.9	2	1036.6 (M:1036.6)	17	60.5	2.85	18	0.87	14	17.94
HBD_HUMAN	16.0	9.1	1	834.2 (M:834.2)	13	60.5	1.97	33	0.87	12	16.78
HBG2_HUMAN	16.1	6.8	2	231.2 (M:231.2)	5	34.7	1.95	203	0.86	4	10.27
HEMO_HUMAN	51.6	6.6	4	1011.9 (M:1011.9)	21	24.9	2.21	19	0.94!	18	25.42
HEP2_HUMAN	57.0	6.4	1	181.4 (M:181.4)	5	8.2	1.95	253	1.29	5	8.62
HGFA_HUMAN	70.6	7.3	1	33.6 (M:33.6)	1	1.4	5.56	921	1.04	1	
HDGF_HUMAN	26.8	4.6	1	33.4 (M:33.4)	1	4.2	1.80	926	1.27	1	
ROAA_HUMAN	36.2	8.8	1	120.4 (M:120.4)	3	8.4	2.73	376	1.63	3	16.51
ROA0_HUMAN	30.8	9.8	1	88.2 (M:88.2)	1	7.5	1.59	491	1.51	1	
ROA3_HUMAN	39.6	9.6	3	92.4 (M:92.4)	2	5.8	4.02	471	1.60	1	
HNRPD_HUMAN	38.4	8.5	1	144.8 (M:144.8)	3	8.2	2.63	323	1.47	3	14.83
HNRDL_HUMAN	46.4	10.0	1	81.2 (M:81.2)	2	5.7	1.67	521	1.18	2	30.51
HNRPF_HUMAN	45.6	5.3	1	107.1 (M:107.1)	2	5.5	1.74	418	1.65	2	6.44
HNRH1_HUMAN	49.2	5.9	2	86.8 (M:86.8)	2	6.0	2.96	498	1.38	2	25.09
HNRH3_HUMAN	36.9	6.4	1	45.5 (M:45.5)	1	2.6	0.11	759	1.37	1	
HNRPK_HUMAN	50.9	5.3	1	299.6 (M:299.6)	7	19.7	1.99	169	1.43	7	22.22

HNRPM_HUMAN	77.5	9.6	1	31.0 (M:31.0)	1	1.0	4.14	986	1.76	1	
HNRPQ_HUMAN	69.6	9.1	1	55.3 (M:55.3)	2	3.2	1.14	695	1.33	2	37.16
HNRPU_HUMAN	90.5	5.7	1	35.1 (M:35.1)	1	1.0	2.80	892	1.42	1	
ROA2_HUMAN	37.4	9.3	1	81.9 (M:81.9)	1	6.5	2.24	517	1.22	1	
HNRPC_HUMAN	33.6	4.8	2	90.8 (M:90.8)	2	4.6	5.07	478	1.72	2	15.62
HXK1_HUMAN	102.4	6.4	3	265.7 (M:265.7)	7	8.3	2.29	182	1.07	7	12.63
HINT1_HUMAN	13.8	6.5	1	87.5 (M:87.5)	2	10.3	550.43	495	0.91	2	6.38
HRG_HUMAN	59.5	7.2	1	154.9 (M:154.9)	4	5.9	3.24	300	1.00	3	2.86
H12_HUMAN	21.4	11.4	1	60.8 (M:60.8)	1	7.5	3.44	660	0.98	1	
H15_HUMAN	22.6	11.4	1	60.5 (M:60.5)	1	7.1	1.72	664	1.61	1	
RBBP4_HUMAN	47.6	4.6	2	27.9 (M:27.9)	1	1.9	1.50	1079	1.26	1	
1A33_HUMAN	40.9	6.2	12	243.9 (M:243.9)	5	16.7	1.75	194	2.39	5	25.77
1B40_HUMAN	40.5	6.1	8	161.4 (M:161.4)	4	12.7	0.39	288	2.21	4	32.08
1C14_HUMAN	40.8	5.7	53	245.2 (M:245.2)	5	16.4	2.04	193	2.43	5	30.65
DPB1_HUMAN	29.1	9.7	5	48.1 (M:48.1)	1	3.5	0.08	741	2.57	1	
HA21_HUMAN	28.1	5.0	2	86.4 (M:86.4)	2	10.2	2.13	501	1.86	2	54.27
2DRA_HUMAN	28.6	4.8	2	159.8 (M:159.8)	3	14.6	4.85	290	2.06	3	29.81
rndHXC8_HUMAN	27.7	6.6	1	26.8 (M:26.8)	1	3.3	3.10	1123	0.68	1	
rndHXD9_HUMAN	35.5	10.0	1	26.3 (M:26.3)	1	1.8	7.26	1137	0.87	1	
CDC37_HUMAN	44.4	5.0	1	28.3 (M:28.3)	1	1.9	0.88	1064	1.26	1	
HCDH_HUMAN	34.3	9.4	1	147.2 (M:147.2)	4	9.9	2.55	316	0.79	4	16.46
HMCS1_HUMAN	57.3	5.1	1	38.0 (M:38.0)	1	2.5	3.40	838	0.74	1	
HYOU1_HUMAN	111.3	5.0	1	84.1 (M:84.1)	2	2.5	1.97	509	1.53	2	4.06
ICOSL_HUMAN	33.3	5.0	1	27.9 (M:27.9)	1	3.3	0.95	1076	0.67	1	
IGHA1_HUMAN	37.6	6.1	2	503.0 (M:503.0)	10	18.4	3.09	92	1.06	9	17.07
IGHD_HUMAN	42.2	9.2	1	149.3 (M:149.3)	3	10.4	193.83	309	1.22	3	7.72
IGHG1_HUMAN	36.1	9.4	1	535.1 (M:535.1)	13	27.3	2.69	83	1.10	13	22.64
IGHG2_HUMAN	35.9	8.8	1	393.0 (M:393.0)	9	19.6	2.72	124	1.23!	9	24.00
IGHG3_HUMAN	41.3	9.4	1	351.3 (M:351.3)	9	15.6	212.08	140	1.15	9	20.21
IGHG4_HUMAN	35.9	7.8	1	370.9 (M:370.9)	9	21.1	1.34	133	1.21	9	21.59
HV209_HUMAN	16.2	9.3	1	50.9 (M:50.9)	1	6.2	2.20	725	1.06	1	
HV201_HUMAN	14.3	10.3	2	31.0 (M:31.0)	1	5.6	3.43	989	0.93	1	
HV306_HUMAN	12.4	10.0	1	25.2 (M:25.2)	1	9.6	1.75	1169	1.11	1	
HV307_HUMAN	13.7	10.1	1	37.5 (M:37.5)	1	5.7	3.81	848	1.36	1	
HV320_HUMAN	12.7	9.6	2	110.2 (M:110.2)	2	21.6	3.70	408	1.24	2	4.39
HV316_HUMAN	12.8	9.6	2	93.0 (M:93.0)	1	16.0	0.79	467	1.03	1	
HV304_HUMAN	12.3	0.0	4	75.4 (M:75.4)	1	16.5	3.21	557	0.86	1	
IGKC_HUMAN	11.6	5.5	1	365.5 (M:365.5)	5	49.1	1.94	136	1.14!	4	25.17

KV122_HUMAN	11.8	9.4	1	73.5 (M:73.5)	1	16.7	1.84	567	1.18	1	
KV104_HUMAN	11.7	0.0	2	94.3 (M:94.3)	1	16.8	1.98	458	0.70	1	
KV113_HUMAN	11.8	9.2	4	57.0 (M:57.0)	1	8.3	0.47	685	1.27	1	
KV120_HUMAN	11.9	7.0	1	64.1 (M:64.1)	1	16.5	1.42	636	1.24	1	
KV118_HUMAN	11.8	9.6	11	228.2 (M:228.2)	3	31.5	184.77	205	1.05	3	11.73
KV119_HUMAN	11.6	7.8	1	66.5 (M:66.5)	1	16.7	0.04	617	1.53	1	
KV206_HUMAN	14.7	10.0	6	89.8 (M:89.8)	2	15.0	1.89	483	1.06	2	2.62
KV311_HUMAN	14.1	7.1	1	39.7 (M:39.7)	1	11.7	4.68	812	0.95	1	
KV305_HUMAN	11.7	9.5	7	165.0 (M:165.0)	3	39.4	3.13	277	1.20	3	17.89
KV402_HUMAN	12.6	9.0	5	143.0 (M:143.0)	3	21.9	3.82	333	1.00	3	16.90
LAC_HUMAN	11.2	7.6	1	309.5 (M:309.5)	6	48.6	110.41	166	1.00	6	21.95
LV001_HUMAN	12.4	7.5	1	41.1 (M:41.1)	1	7.7	3.61	791	1.39	1	
LV302_HUMAN	11.9	4.8	1	45.0 (M:45.0)	1	7.2	1.69	764	1.11	1	
LV403_HUMAN	11.5	6.9	1	58.6 (M:58.6)	1	17.8	5.77	676	1.01	1	
LV604_HUMAN	12.0	4.5	2	37.2 (M:37.2)	1	18.0	1.66	856	0.98	1	
IGHM_HUMAN	49.3	6.4	2	377.1 (M:377.1)	9	22.8	1.93	131	1.37	9	13.13
IGJ_HUMAN	18.1	5.0	1	80.8 (M:80.8)	2	9.4	1.00	525	0.99	2	9.76
IGBP1_HUMAN	39.2	5.1	1	45.1 (M:45.1)	1	3.5	2.20	763	2.38	1	
rndIMA5_HUMAN	60.3	4.9	1	70.6 (M:70.6)	2	1.9	6.49	583	0.61	2	23.03
IMB1_HUMAN	97.1	4.5	1	164.8 (M:164.8)	4	5.6	3.75	278	1.23	4	19.65
IPO5_HUMAN	123.5	4.7	1	41.2 (M:41.2)	1	0.8	7.27	790	1.75	1	
PLCL1_HUMAN	122.6	5.3	1	27.2 (M:27.2)	1	0.7	1.78	1104	1.95	1	
INMT_HUMAN	28.9	5.0	1	30.6 (M:30.6)	1	1.9	1496.77	996			
IPYR_HUMAN	32.6	5.5	1	33.2 (M:33.2)	1	3.8	5.20	932	1.31	1	
IMDH2_HUMAN	55.8	6.5	1	29.5 (M:29.5)	1	2.1	5.38	1022	1.23	1	
IBP2_HUMAN	34.8	8.9	1	28.0 (M:28.0)	1	3.7	580.18	1070	1.59	1	
IBP6_HUMAN	25.3	9.8	1	86.3 (M:86.3)	2	7.1	3.00	502	1.37	2	11.75
IBP7_HUMAN	29.1	9.6	1	84.4 (M:84.4)	2	7.4	1.21	507	2.02	2	10.96
ALS_HUMAN	66.0	6.4	1	37.0 (M:37.0)	1	2.6	7.29	861	1.43	1	
ITAV_HUMAN	116.0	5.3	1	123.6 (M:123.6)	3	3.5	4.60	368	1.84	3	19.15
ITB1_HUMAN	88.4	5.1	2	103.8 (M:103.8)	3	4.1	2.90	428	1.73	3	27.74
ILK_HUMAN	51.4	9.3	1	125.4 (M:125.4)	3	6.9	336.16	365	1.06	3	3.71
ITIH1_HUMAN	101.3	6.3	1	793.3 (M:793.3)	16	21.3	2.27	38	1.72	16	22.61
ITIH2_HUMAN	106.4	6.4	1	676.7 (M:676.7)	13	15.9	1.96	54	1.29	13	16.18
ITIH3_HUMAN	99.8	5.4	1	396.4 (M:396.4)	10	12.7	2.51	123	1.51	10	28.70
ITIH4_HUMAN	103.3	6.5	2	1043.4 (M:1043.4)	24	24.9	2.84	17	1.16	24	25.66
ICAM1_HUMAN	57.8	9.4	1	315.0 (M:315.0)	6	11.7	1.47	161	1.91	6	45.02
ICAM2_HUMAN	30.6	7.9	1	56.3 (M:56.3)	1	5.5	1.63	690	1.24	1	

ICAM3_HUMAN	59.5	5.2	1	30.9 (M:30.9)	1	1.8	1.61	990	1.20	1	
MX1_HUMAN	75.5	5.5	1	62.2 (M:62.2)	2	2.6	4.47	651	1.58	2	4.48
GBP1_HUMAN	67.9	5.9	1	26.8 (M:26.8)	1	2.7	2.18	1120	1.06	1	
GBP2_HUMAN	67.2	5.4	1	29.0 (M:29.0)	1	2.7	2.18	1040	1.50	1	
ILF2_HUMAN	43.0	5.0	1	164.2 (M:164.2)	3	11.3	4.22	280	1.76	3	23.59
ILF3_HUMAN	95.3	9.3	1	69.9 (M:69.9)	1	1.2	1.06	588	1.38	1	
IL1RA_HUMAN	20.0	5.8	1	91.6 (M:91.6)	2	19.2	1.85	474	1.02	2	0.88
IL31_HUMAN	18.2	5.2	2	28.6 (M:28.6)	1	3.7	0.52	1051	2.59	1	
MMP1_HUMAN	54.0	6.5	1	26.6 (M:26.6)	1	2.1	3.83	1128	2.03	1	
ISOC2_HUMAN	22.3	9.2	1	28.5 (M:28.5)	1	7.3	1.52	1055	1.16	1	
IDHC_HUMAN	46.6	6.6	1	187.4 (M:187.4)	5	13.0	3.57	245	1.10	5	21.94
IDHP_HUMAN	50.9	9.6	1	236.7 (M:236.7)	6	12.8	2.39	198	1.17	6	13.05
SYIC_HUMAN	144.4	5.8	1	118.9 (M:118.9)	4	3.3	3.05	380	1.20	4	16.90
SYIM_HUMAN	113.7	6.9	1	36.3 (M:36.3)	1	1.1	4.20	866	1.41	1	
PLAK_HUMAN	81.7	5.7	1	67.3 (M:67.3)	2	2.8	1.43	607	0.86	2	0.70
KLK13_HUMAN	30.6	9.8	1	36.1 (M:36.1)	1	2.9	1.92	871	0.52	1	
KAIN_HUMAN	48.5	8.0	1	398.3 (M:398.3)	10	30.2	216.29	122	1.52	10	23.60
rndKLH30_HUMAN	64.0	5.5	1	34.6 (M:34.6)	1	1.6	1.92	902	1.17	1	
K1C10_HUMAN	58.8	5.0	11	702.8 (M:702.8)	16	23.8	1.68	52	1.44	11	29.80
K1C13_HUMAN	49.6	4.8	2	338.6 (M:338.6)	8	16.2	2.10	147	1.23	6	39.31
K1C14_HUMAN	51.5	4.9	1	571.3 (M:571.3)	13	24.6	1.85	74	2.33	11	34.20
K1C16_HUMAN	51.2	4.8	1	499.6 (M:499.6)	12	23.7	1.91	94	1.97	10	39.04
K1C17_HUMAN	48.1	4.8	1	636.9 (M:636.9)	14	28.0	2.35	59	2.27	12	38.01
K1C18_HUMAN	48.0	5.2	1	173.8 (M:173.8)	4	6.3	2.04	265	1.39	3	41.98
K1C19_HUMAN	44.1	4.9	1	455.6 (M:455.6)	10	21.8	1.74	103	1.84	8	37.89
K1C9_HUMAN	62.0	5.0	1	722.1 (M:722.1)	17	24.7	81.28	45	1.42!	9	18.46
K2C1_HUMAN	66.0	8.8	1	1127.3 (M:1127.3)	23	28.6	2.10	14	1.54	19	24.82
K22E_HUMAN	65.4	8.9	1	551.6 (M:551.6)	12	22.5	1.97	80	1.46	10	27.47
K2C5_HUMAN	62.3	8.6	4	390.7 (M:390.7)	10	11.2	2.40	126	2.59	9	28.91
K2C6A_HUMAN	60.0	8.9	1	561.2 (M:561.2)	14	17.4	2.30	79	2.50	13	47.20
K2C6B_HUMAN	60.0	8.9	11	562.2 (M:562.2)	14	17.4	2.26	78	2.24	13	37.73
K2C7_HUMAN	51.4	5.3	1	384.6 (M:384.6)	10	17.1	2.43	127	1.90	9	68.62
K2C8_HUMAN	53.7	5.4	1	457.2 (M:457.2)	11	19.3	2.59	102	1.93	10	61.45
K2C80_HUMAN	50.5	5.4	1	145.6 (M:145.6)	2	4.0	2.71	320	1.75	1	
KTN1_HUMAN	156.2	5.4	1	157.5 (M:157.5)	4	2.7	1.05	293	1.71	4	2.51
KIF5C_HUMAN	109.4	5.8	1	69.7 (M:69.7)	2	2.0	386.13	590	1.43	2	8.72
KLC1_HUMAN	65.3	5.8	1	42.5 (M:42.5)	1	1.6	0.76	782	1.78	1	
KINH_HUMAN	109.6	6.1	2	247.1 (M:247.1)	5	7.2	244.21	190	1.30	5	10.29

KNG1_HUMAN	71.9	6.4	1	636.6 (M:636.6)	14	15.4	121.90	60	1.07	12	19.52
SPIT1_HUMAN	58.4	5.9	1	76.7 (M:76.7)	2	3.0	1.13	551	1.29	2	0.65
TRFL_HUMAN	78.1	9.6	1	503.6 (M:503.6)	11	18.5	3.35	91	1.67	11	65.52
LGUL_HUMAN	20.8	5.0	1	61.1 (M:61.1)	2	10.3	0.72	658	1.39	2	22.40
LAD1_HUMAN	57.1	10.2	1	97.2 (M:97.2)	2	3.7	0.85	451	1.42	2	3.23
LMNA_HUMAN	74.1	6.6	15	446.9 (M:446.9)	10	15.1	1.50	109	1.62	10	19.37
LMNB1_HUMAN	66.4	5.0	1	75.4 (M:75.4)	2	3.2	2.94	559	1.84	2	34.60
LAMB1_HUMAN	197.9	4.7	1	48.2 (M:48.2)	1	0.4	5.85	739	2.01	1	
LAMC1_HUMAN	177.5	4.9	1	25.9 (M:25.9)	1	0.5	7.65	1149	1.83	1	
rndLAMC3_HUMAN	172.3	6.2	1	30.7 (M:30.7)	1	0.4	3.55	995	1.49	1	
LAT1_HUMAN	55.0	9.0	1	45.0 (M:45.0)	1	3.6	0.03	765	1.14	1	
LTBP1_HUMAN	186.7	5.6	1	35.3 (M:35.3)	1	0.5	1.95	885	2.53	1	
LXN_HUMAN	25.7	5.5	1	28.3 (M:28.3)	1	4.5	1.06	1066	1.94	1	
A2GL_HUMAN	38.2	6.5	2	492.3 (M:492.3)	10	27.7	2.60	97	0.98!	10	19.60
LPPRC_HUMAN	157.8	5.8	1	29.6 (M:29.6)	1	0.5	4.47	1021	1.25	1	
rndLRRC7_HUMAN	172.5	6.4	1	31.1 (M:31.1)	1	0.5	3.87	984	0.69	1	
ILEU_HUMAN	42.7	5.9	4	195.8 (M:195.8)	5	15.3	2.71	233	0.92	5	21.37
CD47_HUMAN	35.2	7.6	1	27.1 (M:27.1)	1	3.4	0.63	1110	1.96	1	
LAIR1_HUMAN	31.4	5.3	1	57.8 (M:57.8)	1	4.5	1.87	680	2.30	1	
LKHA4_HUMAN	69.2	5.8	1	156.7 (M:156.7)	4	6.2	3.48	296	0.99	4	8.88
LDHA_HUMAN	36.7	9.3	1	505.0 (M:505.0)	10	25.6	1.23	90	1.52	9	18.79
LDHB_HUMAN	36.6	5.7	1	180.3 (M:180.3)	4	12.6	1.76	256	1.37	4	16.81
LPLC1_HUMAN	52.4	6.9	1	48.2 (M:48.2)	1	3.1	3.59	738	0.69	1	
FCG2A_HUMAN	35.0	6.2	2	36.9 (M:36.9)	1	2.8	4.56	863	1.61	1	
FCG3A_HUMAN	29.1	9.1	2	135.0 (M:135.0)	3	9.8	1.93	344	2.42	3	22.36
LYAM1_HUMAN	42.2	6.2	1	33.2 (M:33.2)	1	2.2	4.59	933	1.15	1	
LUM_HUMAN	38.4	6.2	1	902.0 (M:902.0)	18	38.8	320.97	26	1.25!	17	25.50
LBA1_HUMAN	336.0	6.3	1	27.6 (M:27.6)	1	0.2	0.81	1091	1.16	1	
LA_HUMAN	46.8	6.8	1	59.2 (M:59.2)	2	3.9	0.69	673	1.66	2	0.55
LYVE1_HUMAN	35.2	9.5	1	150.8 (M:150.8)	3	8.1	3.04	308	0.96	3	19.04
LFA3_HUMAN	28.1	6.3	1	60.8 (M:60.8)	2	6.0	2.57	661	1.50	2	5.48
SCRIB2_HUMAN	54.3	4.9	1	44.9 (M:44.9)	1	1.7	3.47	768	2.64	1	
LAMP1_HUMAN	44.9	9.9	1	61.2 (M:61.2)	2	2.9	2.45	656	2.65	2	2.56
LAMP2_HUMAN	44.9	5.3	1	66.8 (M:66.8)	1	2.9	1.41	614	2.47	1	
CSF1R_HUMAN	107.9	5.9	1	39.4 (M:39.4)	1	1.7	1.37	816	1.05	1	
MIF_HUMAN	12.5	9.1	1	66.7 (M:66.7)	2	9.6	2.04	615			
CAPG_HUMAN	38.5	5.9	1	97.9 (M:97.9)	2	7.2	1.82	445	1.76	2	4.57
rndMPP6_HUMAN	61.1	5.8	1	67.0 (M:67.0)	2	2.4	0.97	611	1.85	2	16.20

MDHC_HUMAN	36.4	7.7	1	142.1 (M:142.1)	4	10.2	3.61	335	1.20	4	9.74
MDHM_HUMAN	35.5	9.8	1	191.4 (M:191.4)	4	15.1	2.93	238	1.14	4	6.28
MBL2_HUMAN	26.1	5.3	1	50.8 (M:50.8)	1	5.2	1.56	726	1.21	1	
MA1A1_HUMAN	72.9	6.0	1	64.0 (M:64.0)	2	2.8	1.76	639	1.74	2	8.90
MMP14_HUMAN	65.8	8.5	3	145.1 (M:145.1)	4	5.5	5.12	322	2.57	4	8.37
MMP9_HUMAN	78.4	5.6	1	64.9 (M:64.9)	2	3.3	2.46	631	1.60	2	74.84
MXRA5_HUMAN	312.1	9.3	1	77.7 (M:77.7)	2	0.3	4.20	544	2.42	2	44.76
ACADM_HUMAN	46.6	9.4	1	27.1 (M:27.1)	1	1.7	1.07	1108	1.17	1	
AOC3_HUMAN	84.6	6.1	2	180.8 (M:180.8)	4	7.3	233.71	255	1.27	4	39.06
F174A_HUMAN	19.9	5.9	1	43.4 (M:43.4)	1	4.7	7.08	777	1.48	1	
PGRC1_HUMAN	21.7	4.4	1	29.5 (M:29.5)	1	4.1	0.31	1023	1.36	1	
TIMP2_HUMAN	24.4	8.8	1	39.8 (M:39.8)	1	6.4	319.13	811	1.72	1	
MFAP4_HUMAN	28.6	5.3	1	70.2 (M:70.2)	2	5.1	4.69	584	0.74	2	3.17
rndMAP1B_HUMAN	270.5	4.6	1	53.1 (M:53.1)	2	0.4	6.25	711	1.20	2	17.89
MAP4_HUMAN	120.9	5.2	1	56.2 (M:56.2)	2	1.1	3.44	692	1.41	2	8.62
MARE1_HUMAN	30.0	4.9	1	37.2 (M:37.2)	1	3.0	0.36	857	1.68	1	
HM13_HUMAN	41.5	6.0	1	26.9 (M:26.9)	1	4.0	0.50	1117	1.34	1	
TOM70_HUMAN	67.4	6.9	1	25.9 (M:25.9)	1	1.2	2.57	1147	1.78	1	
BUB3_HUMAN	37.1	6.4	1	33.7 (M:33.7)	1	4.3	8.15	917	0.92	1	
MOES_HUMAN	67.8	6.0	2	451.2 (M:451.2)	12	16.8	1.76	105	1.64	12	17.95
MOT1_HUMAN	53.9	9.7	1	39.9 (M:39.9)	1	2.4	0.21	810	1.27	1	
CD14_HUMAN	40.1	5.8	1	123.4 (M:123.4)	2	10.7	289.75	369	0.86	2	39.69
MUC21_HUMAN	54.2	4.7	1	28.8 (M:28.8)	1	2.3	1.95	1045	1.07	1	
MUC5B_HUMAN	590.1	6.2	1	156.6 (M:156.6)	3	0.6	3.62	297	0.68	3	7.60
PUR6_HUMAN	47.0	7.7	1	25.3 (M:25.3)	1	1.4	4.94	1165	1.24	1	
rndMCTP1_HUMAN	111.5	9.3	1	26.4 (M:26.4)	1	0.6	3.32	1135	1.84	1	
PRTN3_HUMAN	27.8	10.3	1	157.4 (M:157.4)	4	11.3	1.92	294	2.76	3	24.02
MYLK_HUMAN	210.6	5.8	1	202.7 (M:202.7)	4	2.0	3.38	227	0.90	4	29.36
rndMYLK_HUMAN	210.6	5.8	1	30.0 (M:30.0)	1	0.6	2.85	1010	1.02	1	
MYL6_HUMAN	16.9	4.4	2	142.2 (M:142.2)	3	25.2	204.66	334	1.31	3	22.85
ML12B_HUMAN	19.8	4.5	3	44.4 (M:44.4)	1	10.5	3.89	772	1.29	1	
MYH11_HUMAN	227.2	5.3	1	66.3 (M:66.3)	2	1.0	1.38	623	1.27	2	28.00
MYH9_HUMAN	226.4	5.4	3	185.8 (M:185.8)	5	2.4	2.13	249	2.04	5	16.44
MTPN_HUMAN	12.9	5.2	1	144.8 (M:144.8)	3	28.0	1.35	324	1.25	3	27.15
MARCS_HUMAN	31.5	4.3	1	196.0 (M:196.0)	4	13.3	2.08	232	1.37!	3	17.90
NHRF1_HUMAN	38.8	5.5	1	33.0 (M:33.0)	1	5.0	464.07	942			
rndNHRF3_HUMAN	57.1	5.3	1	37.3 (M:37.3)	1	1.7	1.29	854	1.61	1	
NAGK_HUMAN	37.4	5.8	1	39.5 (M:39.5)	1	3.2	1.74	815	0.74	1	

PGRP2_HUMAN	62.2	8.0	1	25.8 (M:25.8)	1	1.4	0.99	1151	1.11	1	
NQO1_HUMAN	30.8	9.4	1	37.6 (M:37.6)	1	2.9	1.13	845	1.25	1	
NDUS7_HUMAN	23.5	10.8	1	27.9 (M:27.9)	1	4.2	779.67	1078	1.07	1	
NACA_HUMAN	23.4	4.4	1	116.3 (M:116.3)	3	19.5	3.99	385	1.12	3	5.22
SYNE2_HUMAN	795.9	5.1	1	62.6 (M:62.6)	2	0.2	494.46	646	1.04	2	22.12
NENF_HUMAN	18.8	5.4	1	33.0 (M:33.0)	1	5.2	0.48	939	1.28	1	
NCAM1_HUMAN	94.5	4.6	1	78.0 (M:78.0)	2	2.9	4.41	543	1.35	2	5.04
AHNK_HUMAN	628.7	5.7	3	1795.1 (M:1795.1)	43	7.6	1.67	4	1.05	42	15.08
NRP1_HUMAN	103.1	5.5	1	54.4 (M:54.4)	2	2.9	4.11	702	1.50	2	46.59
NRP2_HUMAN	104.8	4.9	1	55.1 (M:55.1)	2	2.6	3.00	697	1.70	2	2.47
GANAB_HUMAN	106.8	5.7	1	113.3 (M:113.3)	4	5.6	226.41	398	1.07	4	21.30
MMP8_HUMAN	53.4	6.4	1	201.0 (M:201.0)	5	11.3	1.61	229	2.38	5	46.50
NGAL_HUMAN	22.6	9.6	1	323.5 (M:323.5)	7	29.8	118.35	153	3.35	7	48.39
rndNEXN_HUMAN	80.6	5.2	1	35.1 (M:35.1)	1	1.0	0.39	890	2.24	1	
NEMO_HUMAN	48.2	5.5	1	31.7 (M:31.7)	1	1.7	6.15	970	1.19	1	
IKBZ_HUMAN	78.0	6.2	1	27.9 (M:27.9)	1	0.7	1334.35	1080	1.18	1	
NHLC2_HUMAN	79.4	5.2	1	77.5 (M:77.5)	2	1.0	0.41	547	1.96	2	37.06
NH2L1_HUMAN	14.2	9.7	1	49.0 (M:49.0)	1	6.2	1.16	735	1.13	1	
NIBL1_HUMAN	82.6	5.8	1	78.0 (M:78.0)	2	2.3	2.82	542	0.90	2	0.60
NNMT_HUMAN	29.6	5.5	1	57.0 (M:57.0)	2	6.8	1.54	686	1.79	2	26.03
NAMPT_HUMAN	55.5	6.8	1	62.3 (M:62.3)	2	4.7	3.83	650	1.19	2	12.55
PNCB_HUMAN	57.5	5.4	1	31.9 (M:31.9)	1	1.3	0.50	961	1.16	1	
NID1_HUMAN	136.3	5.0	1	95.7 (M:95.7)	2	2.2	2.86	454	1.11	2	15.23
NID2_HUMAN	151.2	5.0	1	227.0 (M:227.0)	6	4.4	1.36	206	1.79	6	33.48
NINL_HUMAN	156.2	4.9	1	57.7 (M:57.7)	1	0.8	3.55	681	0.84	1	
NONO_HUMAN	54.2	9.6	2	100.3 (M:100.3)	3	4.9	2.50	433	1.70	3	26.56
RNAS2_HUMAN	18.3	10.6	1	175.2 (M:175.2)	3	9.3	1.93	262	3.74	2	84.66
NSF1C_HUMAN	40.5	4.9	1	87.9 (M:87.9)	2	5.9	478.00	494	1.23	2	16.18
ARD1A_HUMAN	26.4	5.3	1	28.5 (M:28.5)	1	5.1	0.30	1053	1.62	1	
NASP_HUMAN	85.2	4.1	1	92.8 (M:92.8)	2	2.4	1.96	468	1.67	2	10.45
NUDC_HUMAN	38.2	5.1	1	97.4 (M:97.4)	2	6.0	1.01	449	1.31	2	10.45
NUMA1_HUMAN	238.1	5.5	1	129.8 (M:129.8)	3	1.7	1.24	357	1.63	3	42.51
NUP62_HUMAN	53.2	5.1	1	40.0 (M:40.0)	1	2.7	3.41	807	1.41	1	
YBOX1_HUMAN	35.9	0.0	1	29.4 (M:29.4)	1	5.9	1.23	1028	1.26	1	
NUCB1_HUMAN	53.8	5.0	4	105.2 (M:105.2)	3	4.8	4.02	421	1.69	3	21.74
NUCB2_HUMAN	50.2	4.9	1	54.2 (M:54.2)	2	2.9	1.83	705	1.62	2	12.74
NUCL_HUMAN	76.6	4.4	1	191.3 (M:191.3)	4	5.5	0.86	239	2.42	4	7.35
NPM_HUMAN	32.6	4.5	1	308.8 (M:308.8)	8	26.2	3.80	167	1.63	7	34.14

NUP54_HUMAN	55.4	6.6	1	65.9 (M:65.9)	2	4.9	0.53	626	1.08	2	1.72
TPR_HUMAN	267.1	4.8	1	78.3 (M:78.3)	2	0.8	0.39	540	1.63	2	25.27
NDKA_HUMAN	17.1	5.8	2	111.1 (M:111.1)	3	27.0	2.41	404	1.67	3	8.47
OLM2B_HUMAN	83.9	4.9	1	38.2 (M:38.2)	1	0.8	1.67	832	1.19	1	
OAT_HUMAN	48.5	6.6	1	29.3 (M:29.3)	1	2.3	1.73	1031	1.23	1	
PALLD_HUMAN	150.4	6.7	1	29.4 (M:29.4)	1	0.9	3.03	1029	1.79	1	
PTMS_HUMAN	11.5	4.0	1	63.0 (M:63.0)	1	11.8	1.42	645	2.43	1	
PDLI1_HUMAN	36.0	6.6	1	40.0 (M:40.0)	1	3.0	3.37	805	1.07	1	
PDLI3_HUMAN	39.2	6.5	1	81.0 (M:81.0)	2	8.2	1.30	522	0.91	1	
PTX3_HUMAN	42.0	4.8	1	41.0 (M:41.0)	1	2.6	1.12	793	2.85	1	
PI16_HUMAN	49.4	5.1	1	80.5 (M:80.5)	2	5.2	1.46	527	0.86	2	3.15
rndAMD_HUMAN	108.3	6.0	1	26.0 (M:26.0)	1	0.7	888.34	1144	0.46	1	
PPIA_HUMAN	18.0	9.0	5	317.0 (M:317.0)	8	37.6	2.29	159	1.08	8	19.74
PPIB_HUMAN	23.7	9.9	1	134.8 (M:134.8)	3	12.5	2.89	346	1.57	3	34.25
FKBP3_HUMAN	25.2	9.8	1	32.1 (M:32.1)	1	4.9	0.98	958	1.25	1	
FKBP4_HUMAN	51.8	5.2	1	81.0 (M:81.0)	2	4.4	0.83	523	1.30!	1	
FKBP7_HUMAN	30.0	6.1	1	33.3 (M:33.3)	1	3.5	5.22	929	2.25	1	
LLR1_HUMAN	46.7	10.3	1	31.2 (M:31.2)	1	1.4	2.59	982	1.55	1	
POSTN_HUMAN	93.3	7.8	1	94.1 (M:94.1)	2	3.2	5.49	461	1.96	2	16.93
PEPL_HUMAN	204.6	5.3	1	66.0 (M:66.0)	1	0.7	4.96	625	1.11	1	
PRDX1_HUMAN	22.1	9.2	2	460.1 (M:460.1)	10	43.7	3.15	101	1.02	10	17.48
PRDX2_HUMAN	21.9	5.6	2	339.8 (M:339.8)	9	36.4	3.32	146	0.97	9	20.94
PRDX4_HUMAN	30.5	5.8	1	167.3 (M:167.3)	4	15.5	3.09	274	1.42	4	23.83
PRDX6_HUMAN	25.0	6.0	1	380.6 (M:380.6)	7	29.9	219.34	129	0.99	6	19.89
rndECHP_HUMAN	79.4	9.9	15	72.3 (M:72.3)	2	1.5	2.69	576	1.71	2	7.73
DHB4_HUMAN	79.6	9.6	1	27.6 (M:27.6)	1	1.8	0.63	1090	1.26	1	
rndPESC_HUMAN	68.0	7.1	1	25.0 (M:25.0)	1	1.2	811.25	1174	1.33	1	
SYFB_HUMAN	66.1	6.4	1	37.7 (M:37.7)	1	1.5	1.36	844	1.53	1	
LCAT_HUMAN	49.5	5.7	1	67.3 (M:67.3)	2	7.0	8.00	608	1.11	2	34.42
PEBP1_HUMAN	21.0	7.8	1	170.0 (M:170.0)	4	29.4	4.64	271	1.05	4	17.02
PICAL_HUMAN	70.7	8.6	1	45.5 (M:45.5)	1	1.5	0.75	760	1.81	1	
PGM1_HUMAN	61.4	6.3	1	81.4 (M:81.4)	2	3.4	1.60	519	1.17	2	4.99
PGM2_HUMAN	68.2	6.3	1	121.0 (M:121.0)	3	4.1	1.83	375	0.90	3	11.78
PGM5_HUMAN	62.2	7.0	2	80.3 (M:80.3)	3	5.8	271.22	529	0.86	3	13.37
PGK1_HUMAN	44.6	9.2	2	341.0 (M:341.0)	8	19.7	2.27	145	1.14	8	16.38
PGAM2_HUMAN	28.7	9.6	3	69.2 (M:69.2)	2	9.5	295.06	596	1.38	2	13.72
P3IP1_HUMAN	28.2	4.8	1	40.2 (M:40.2)	1	4.2	1.00	802	0.93	1	
PLD3_HUMAN	54.7	6.0	1	38.0 (M:38.0)	1	2.0	0.71	837	2.21	1	

PLTP_HUMAN	54.7	6.6	1	71.8 (M:71.8)	2	4.3	5.52	580	1.30	2	16.63
PEDF_HUMAN	46.3	6.0	2	534.2 (M:534.2)	10	33.0	2.91	84	2.03	9	49.16
KLKB1_HUMAN	71.3	9.7	1	113.8 (M:113.8)	3	4.1	2.69	395	1.12	3	12.72
IC1_HUMAN	55.1	6.1	2	715.0 (M:715.0)	14	21.2	2.93	47	1.19	13	13.26
IPSP_HUMAN	45.7	9.8	1	210.5 (M:210.5)	5	12.6	1.65	216	1.60	5	16.04
PLMN_HUMAN	90.5	7.3	1	187.4 (M:187.4)	4	5.1	3.38	246	1.14	4	14.16
PLSL_HUMAN	70.2	5.1	3	149.2 (M:149.2)	4	5.4	1.86	310	1.86!	3	26.13
PECA1_HUMAN	82.5	6.6	1	29.6 (M:29.6)	1	1.8	0.71	1018	0.54	1	
GP1BA_HUMAN	68.9	6.2	1	32.4 (M:32.4)	1	2.1	3.63	952	1.19	1	
PLEC1_HUMAN	531.5	5.7	1	1063.5 (M:1063.5)	26	5.4	1.77	16	1.91	26	27.47
PXDC2_HUMAN	59.5	6.0	1	37.1 (M:37.1)	1	2.1	0.95	859	1.89	1	
PVRL1_HUMAN	57.1	5.7	2	213.4 (M:213.4)	5	7.9	198.85	215	1.42	5	30.80
PARP1_HUMAN	113.0	9.6	1	30.8 (M:30.8)	1	1.3	1.28	992	1.34	1	
PCBP1_HUMAN	37.5	6.8	3	170.4 (M:170.4)	4	16.3	1.08	270	1.20	3	26.10
PCBP2_HUMAN	38.6	6.4	1	128.8 (M:128.8)	3	11.2	1.69	360	1.29	3	25.07
PUF60_HUMAN	59.8	5.1	1	27.1 (M:27.1)	1	1.8	2.30	1109	1.42	1	
PABP1_HUMAN	70.6	10.0	3	168.6 (M:168.6)	4	7.7	2.05	272	1.36	4	11.98
PABP2_HUMAN	32.7	4.9	1	29.5 (M:29.5)	1	2.6	0.91	1025	1.34	1	
PCGF5_HUMAN	29.7	6.1	1	25.3 (M:25.3)	1	2.0	2.65	1167	1.30	1	
PTRF_HUMAN	43.4	5.4	1	93.1 (M:93.1)	2	7.4	2.88	466	0.95	2	23.67
PIGR_HUMAN	83.2	5.5	1	30.8 (M:30.8)	1	1.0	1.31	991	0.98	1	
PTBP1_HUMAN	57.2	9.8	3	35.9 (M:35.9)	1	1.1	9.20	874	1.59	1	
PORIM_HUMAN	21.5	9.5	1	25.1 (M:25.1)	1	4.3	0.99	1170	1.85	1	
KCNA5_HUMAN	67.2	5.6	1	26.4 (M:26.4)	1	1.1	1068.21	1136	1.05	1	
PFD1_HUMAN	14.2	6.4	1	143.8 (M:143.8)	3	22.1	2.58	329	1.06	3	10.39
PFD2_HUMAN	16.6	6.2	1	53.2 (M:53.2)	1	7.8	4.75	709	0.94	1	
PFD5_HUMAN	17.3	5.9	1	25.4 (M:25.4)	1	9.7	1.63	1161	1.36	1	
PFD6_HUMAN	14.6	9.4	1	25.5 (M:25.5)	1	9.3	613.06	1158	0.93	1	
rndPARL_HUMAN	42.2	10.5	1	29.2 (M:29.2)	1	1.8	8.44	1035			
SAP_HUMAN	58.1	4.9	1	148.3 (M:148.3)	3	5.3	3.54	314	2.92	3	37.34
rndDDX10_HUMAN	100.8	9.3	1	33.1 (M:33.1)	1	0.9	0.07	936	1.55	1	
DDX47_HUMAN	50.6	9.8	1	25.3 (M:25.3)	1	2.2	8.89	1163	1.74	1	
GP116_HUMAN	149.4	6.2	2	26.9 (M:26.9)	1	0.4	6.36	1116	0.96	1	
MCA32_HUMAN	38.7	9.0	1	27.7 (M:27.7)	1	2.6	0.59	1085	2.23	1	
PRCM_HUMAN	38.1	6.1	1	37.5 (M:37.5)	1	4.0	2.28	849	1.00	1	
PML_HUMAN	97.5	5.8	1	97.7 (M:97.7)	2	1.9	0.77	446	2.24	2	2.93
USP9X_HUMAN	289.4	5.4	1	34.3 (M:34.3)	1	0.5	3.00	909	1.42	1	
PROF1_HUMAN	15.0	9.4	1	188.4 (M:188.4)	4	35.7	3.48	242	1.32	4	11.72

PDC6I_HUMAN	96.0	6.1	1	225.1 (M:225.1)	6	8.2	3.98	207	0.98	6	24.29
PDCD6_HUMAN	21.9	5.0	1	34.3 (M:34.3)	1	4.2	1.49	908	1.02	1	
PIP_HUMAN	16.6	9.3	1	84.3 (M:84.3)	2	13.7	1.17	508	1.70	2	16.23
PRELP_HUMAN	43.8	10.2	1	280.1 (M:280.1)	8	19.4	3.91	174	0.73	8	27.57
PA2G4_HUMAN	43.8	6.1	1	52.9 (M:52.9)	2	4.3	3.08	712	0.78	2	22.68
PCSK1_HUMAN	27.4	6.2	2	36.0 (M:36.0)	1	2.7	3.27	872	2.06	1	
TEBP_HUMAN	18.7	4.2	1	44.0 (M:44.0)	1	5.0	1.09	774	1.26	1	
FPRP_HUMAN	98.5	6.2	1	25.6 (M:25.6)	1	0.8	2.79	1157	2.00	1	
PTGDS_HUMAN	21.0	8.9	1	49.6 (M:49.6)	1	8.4	0.92	730	0.80	1	
PSME1_HUMAN	28.7	5.7	1	202.9 (M:202.9)	6	24.5	0.95	226	1.31	6	14.78
PSME2_HUMAN	27.3	5.3	1	209.9 (M:209.9)	5	20.9	1.63	217	1.75	5	16.76
PSA1_HUMAN	29.5	6.2	1	205.4 (M:205.4)	5	19.4	1.76	223	1.53	5	26.46
PSA2_HUMAN	25.9	7.7	1	94.0 (M:94.0)	2	12.0	1.23	462	1.24	2	59.01
PSA3_HUMAN	28.4	5.1	1	207.0 (M:207.0)	5	21.6	230.04	222	1.60	5	21.59
PSA4_HUMAN	29.5	8.7	1	31.4 (M:31.4)	1	2.7	0.11	975	1.16	1	
PSA5_HUMAN	26.4	4.6	1	187.0 (M:187.0)	4	21.6	0.39	248	1.26	4	25.24
PSA6_HUMAN	27.4	6.4	1	105.6 (M:105.6)	2	8.9	1.34	419	1.60	2	6.18
PSA7_HUMAN	27.9	9.3	2	87.4 (M:87.4)	2	9.3	2.03	496	1.24	2	17.66
PSB1_HUMAN	26.5	9.1	1	155.2 (M:155.2)	4	21.6	1.68	299	1.38	4	20.00
PSB3_HUMAN	22.9	6.2	1	115.9 (M:115.9)	3	23.9	282.48	387	1.07	3	13.35
PSB4_HUMAN	29.2	5.6	1	66.3 (M:66.3)	1	7.6	3.75	624	1.28	1	
PSB7_HUMAN	29.9	8.8	1	143.8 (M:143.8)	3	10.5	3.50	330	1.27	3	1.69
PSB8_HUMAN	30.3	8.7	1	45.8 (M:45.8)	1	4.3	3.43	757	1.16	1	
AHNK2_HUMAN	616.2	5.1	1	88.1 (M:88.1)	3	0.5	2.26	493	1.21	3	12.39
AMBP_HUMAN	39.0	5.9	2	382.8 (M:382.8)	8	20.5	130.75	128	1.15!	8	27.82
BA2L2_HUMAN	316.8	9.7	1	37.8 (M:37.8)	1	0.3	0.99	842	1.00	1	
rndCASC3_HUMAN	76.2	6.0	1	27.4 (M:27.4)	1	0.7	1.55	1096	1.44	1	
rndCRML_HUMAN	135.1	9.3	1	27.0 (M:27.0)	1	0.5	9.66	1115	1.24	1	
DIAP1_HUMAN	141.3	5.2	1	30.3 (M:30.3)	1	0.5	5.55	1004	1.33	1	
PDIA3_HUMAN	56.7	5.9	1	318.8 (M:318.8)	7	14.5	1.71	157	1.64	7	31.09
PDIA4_HUMAN	72.9	4.8	2	104.7 (M:104.7)	3	4.7	2.86	423	1.79	3	25.12
PDIA6_HUMAN	48.1	4.8	1	98.1 (M:98.1)	2	5.2	0.67	444	1.68	2	4.24
PDIA1_HUMAN	57.1	4.6	1	474.5 (M:474.5)	12	22.8	0.99	98	1.44	12	19.59
PARK7_HUMAN	19.9	6.4	1	107.8 (M:107.8)	3	12.2	1.43	414	1.26	3	5.27
DPY30_HUMAN	11.2	4.7	1	28.7 (M:28.7)	1	9.1	0.02	1048	1.67	1	
ENAH_HUMAN	66.5	6.5	1	29.4 (M:29.4)	1	1.4	1.31	1026	1.81	1	
F10A4_HUMAN	27.4	4.8	3	94.4 (M:94.4)	2	9.6	0.13	455	1.32	2	22.74
FA49B_HUMAN	36.7	5.7	1	40.7 (M:40.7)	1	5.9	456.98	796	0.83	1	

FA81A_HUMAN	42.0	9.7	1	52.2 (M:52.2)	1	3.0	3.83	717	1.34	1	
FA83H_HUMAN	127.0	6.6	1	49.6 (M:49.6)	1	1.5	2.07	731	1.04	1	
rndFTM_HUMAN	151.1	5.1	1	27.8 (M:27.8)	1	0.6	2.58	1081	1.23	1	
PACN2_HUMAN	55.7	4.9	1	27.3 (M:27.3)	1	1.9	2.71	1099	1.35	1	
NDRG1_HUMAN	42.8	5.4	2	127.6 (M:127.6)	3	8.9	2.37	361	1.63	3	33.93
PP1R7_HUMAN	41.5	4.7	1	32.6 (M:32.6)	1	3.1	1.31	950	1.39	1	
SSH3_HUMAN	73.0	5.1	1	55.3 (M:55.3)	1	2.0	2.26	696	0.88	1	
PRRC1_HUMAN	46.7	5.5	1	41.6 (M:41.6)	1	3.1	1.35	787	1.17	1	
S10A1_HUMAN	10.5	4.2	1	34.2 (M:34.2)	1	7.4	5.31	912	2.40	1	
S10AA_HUMAN	11.2	7.7	5	98.9 (M:98.9)	3	22.7	3.14	440	1.74	3	8.42
S10AB_HUMAN	11.7	7.5	1	161.3 (M:161.3)	3	32.4	1.78	289	2.36	3	4.39
S10AD_HUMAN	11.5	5.9	1	66.3 (M:66.3)	2	19.4	1.22	621	1.26	2	6.06
S10AG_HUMAN	11.8	6.4	1	86.6 (M:86.6)	2	22.3	311.99	499	0.99	2	16.51
S10A2_HUMAN	11.1	4.5	1	116.6 (M:116.6)	3	17.3	1.81	384	1.30	3	20.30
S10A4_HUMAN	11.7	5.8	1	27.4 (M:27.4)	1	7.9	3.22	1095	1.08	1	
S10A6_HUMAN	10.2	5.2	4	266.6 (M:266.6)	7	30.0	2.36	180	1.14	5	23.98
S10A7_HUMAN	11.5	6.4	2	154.7 (M:154.7)	3	21.8	1.26	301	3.58	3	54.84
S10A8_HUMAN	10.8	6.6	1	163.8 (M:163.8)	3	26.9	1.45	282	1.42	3	8.70
S10A9_HUMAN	13.2	5.7	1	215.8 (M:215.8)	5	37.7	1.73	213	1.36	5	27.85
SET_HUMAN	33.5	4.1	1	64.4 (M:64.4)	1	3.8	3.53	634	2.27	1	
rndSON_HUMAN	263.7	5.4	1	26.8 (M:26.8)	1	0.3	1.94	1125	1.20	1	
TFG_HUMAN	43.4	4.8	1	58.1 (M:58.1)	1	2.5	1.25	679	1.56	1	
SC24C_HUMAN	118.2	6.8	1	34.5 (M:34.5)	1	1.6	4.63	903			
SC31A_HUMAN	132.9	6.4	1	68.6 (M:68.6)	2	1.2	0.88	597	1.42	2	3.96
YIPF3_HUMAN	38.2	5.4	1	31.1 (M:31.1)	1	2.9	3.57	983	1.06	1	
ZPI_HUMAN	50.7	9.0	1	27.1 (M:27.1)	1	1.8	0.17	1111	1.65	1	
TGM3_HUMAN	76.6	5.5	1	547.8 (M:547.8)	11	20.6	4.83	81	0.66	11	43.40
PIMT_HUMAN	24.6	6.9	1	27.7 (M:27.7)	1	8.4	5.69	1087	1.06	1	
PRG4_HUMAN	151.0	10.2	1	66.4 (M:66.4)	2	1.0	1.19	619	1.08	2	6.81
PLP2_HUMAN	16.7	7.7	1	60.7 (M:60.7)	1	8.6	0.46	663	1.26	1	
THRB_HUMAN	70.0	5.6	5	301.1 (M:301.1)	8	10.1	2.38	168	1.29	8	13.15
PCDC2_HUMAN	109.4	5.1	2	27.0 (M:27.0)	1	0.7	4.35	1112	1.01	1	
PHS_HUMAN	12.0	6.3	1	26.4 (M:26.4)	1	9.6	2.64	1134	1.08	1	
PSA_HUMAN	103.2	5.4	2	164.0 (M:164.0)	5	6.4	3.36	281	0.96	5	16.52
SAHH2_HUMAN	58.9	6.6	1	27.5 (M:27.5)	1	1.3	0.80	1094	0.80	1	
A1ATR_HUMAN	47.9	8.6	1	66.3 (M:66.3)	2	3.3	1.03	622	1.42	2	8.23
CLPP_HUMAN	30.2	9.2	1	34.2 (M:34.2)	1	5.8	422.99	910	1.94	1	
BZW1L_HUMAN	31.9	5.5	2	34.3 (M:34.3)	1	2.2	1.62	905	1.56	1	

CATL6_HUMAN	30.9	5.8	3	28.0 (M:28.0)	1	1.8	1.13	1073	3.08	1	
RA1L3_HUMAN	34.2	9.8	3	107.1 (M:107.1)	2	9.7	258.86	417	1.22	2	20.54
LUC7L_HUMAN	43.7	10.7	1	38.8 (M:38.8)	1	4.0	0.13	826	1.04	1	
LC7L2_HUMAN	46.5	10.8	1	62.1 (M:62.1)	1	3.8	1.78	652	1.45	1	
RUEL1_HUMAN	10.7	9.1	2	42.0 (M:42.0)	1	12.0	483.10	786	1.89	1	
S38AA_HUMAN	119.7	5.4	1	48.8 (M:48.8)	1	1.0	0.89	737	1.62	1	
TPM3L_HUMAN	26.3	4.3	4	213.5 (M:213.5)	5	18.8	2.59	214	1.57	5	67.77
YG001_HUMAN	8.3	10.8	1	27.9 (M:27.9)	1	7.5	2.21	1075	1.27	1	
ODPA_HUMAN	43.3	9.3	1	40.7 (M:40.7)	1	2.3	1.05	797	0.89	1	
ODPB_HUMAN	39.2	6.2	1	29.7 (M:29.7)	1	4.5	2.19	1017	0.83	1	
KPYM_HUMAN	57.9	9.0	2	623.4 (M:623.4)	14	23.7	1.63	64	1.24!	12	26.08
GDIB_HUMAN	50.6	6.1	2	238.6 (M:238.6)	6	15.7	3.00	196	1.21	6	10.40
RANB3_HUMAN	60.2	4.6	1	39.2 (M:39.2)	1	3.5	2.72	819			
RANG_HUMAN	23.3	5.1	1	31.7 (M:31.7)	1	5.5	3.04	967	1.53	1	
G3BP1_HUMAN	52.1	5.3	1	34.3 (M:34.3)	1	2.4	2.48	907	2.60	1	
IQGA1_HUMAN	189.1	6.1	3	365.6 (M:365.6)	8	5.4	2.59	135	1.40	8	12.94
RSU1_HUMAN	31.5	9.1	1	61.4 (M:61.4)	2	6.1	1.47	654	1.06	2	4.80
RAC2_HUMAN	21.4	8.9	2	31.3 (M:31.3)	1	4.2	0.57	979	1.56	1	
RAB10_HUMAN	22.5	9.4	8	149.0 (M:149.0)	4	18.5	2.62	312	1.11	4	11.49
RB11A_HUMAN	24.4	6.1	2	114.8 (M:114.8)	3	12.0	1.86	390	1.23	3	13.83
RAB14_HUMAN	23.9	5.8	1	66.4 (M:66.4)	2	10.7	0.45	618	1.52	2	0.21
RAB25_HUMAN	23.5	5.7	1	30.6 (M:30.6)	1	3.8	1.82	998	0.98	1	
RAB2A_HUMAN	23.5	6.1	2	51.2 (M:51.2)	1	6.1	2.65	723	1.44	1	
rndRAB35_HUMAN	23.0	9.4	1	46.9 (M:46.9)	1	4.5	6.33	749	1.68	1	
RAB5C_HUMAN	23.5	9.5	3	32.3 (M:32.3)	1	5.1	1.44	956	1.15	1	
RAB6A_HUMAN	23.6	5.3	1	41.2 (M:41.2)	1	4.3	0.99	788	1.44	1	
RAB7A_HUMAN	23.5	7.2	1	80.5 (M:80.5)	2	11.6	2.34	528	1.60	2	36.86
RAP1B_HUMAN	20.8	5.5	3	80.3 (M:80.3)	2	14.1	3.46	531	0.98	2	6.17
RAP2B_HUMAN	20.5	4.6	1	40.1 (M:40.1)	1	3.8	1.91	804	1.83	1	
REEP5_HUMAN	21.5	9.1	1	37.3 (M:37.3)	1	4.2	1.75	853	1.42	1	
PTPRF_HUMAN	212.7	5.9	1	68.5 (M:68.5)	2	1.4	0.58	599	1.13	2	9.11
PTPRZ_HUMAN	254.4	4.6	1	28.4 (M:28.4)	1	0.6	1.68	1061	1.97	1	
RPR1B_HUMAN	36.9	5.6	1	30.6 (M:30.6)	1	2.5	0.96	999	1.31	1	
rndRGS4_HUMAN	23.2	9.8	1	29.1 (M:29.1)	1	2.9	1034.41	1036	1.65	1	
RCN1_HUMAN	38.9	4.7	1	37.4 (M:37.4)	1	3.3	1.46	850	1.44	1	
RCN3_HUMAN	37.5	4.6	1	81.0 (M:81.0)	2	3.7	0.54	524	2.66	2	55.09
RTN4_HUMAN	129.9	4.3	1	44.4 (M:44.4)	1	1.3	337.71	771	1.86	1	
AL1A1_HUMAN	54.8	6.3	1	132.0 (M:132.0)	3	5.6	2.58	352	0.87	3	18.68

GDIR1_HUMAN	23.2	4.9	1	30.3 (M:30.3)	1	2.9	1.29	1003	1.60	1	
RHG01_HUMAN	50.4	5.8	1	124.2 (M:124.2)	3	5.5	2.92	366	1.17	3	25.49
ROCK1_HUMAN	158.1	5.6	2	27.2 (M:27.2)	1	0.5	3.82	1105	1.43	1	
RINI_HUMAN	49.9	4.6	1	272.1 (M:272.1)	6	14.3	1.91	177	1.24!	6	21.08
PRPS2_HUMAN	34.7	6.2	3	29.1 (M:29.1)	1	5.3	0.08	1039	0.98	1	
KS6A1_HUMAN	82.7	8.4	3	46.0 (M:46.0)	1	1.0	1.06	755	0.90	1	
RRBP1_HUMAN	152.4	9.3	1	505.1 (M:505.1)	12	9.9	1.82	89	2.04	11	32.68
RBM4B_HUMAN	40.1	6.3	2	31.6 (M:31.6)	1	2.5	2.90	972	1.71	1	
RBM6_HUMAN	128.6	5.9	1	53.9 (M:53.9)	2	1.2	2.36	707	0.96	2	8.81
EWS_HUMAN	68.4	9.7	1	32.9 (M:32.9)	1	2.1	6.04	943	1.89	1	
FUS_HUMAN	53.4	9.7	2	38.2 (M:38.2)	1	2.7	0.39	834	1.38	1	
RALY_HUMAN	32.4	9.6	1	69.6 (M:69.6)	2	5.6	1.62	591	1.72	2	16.15
FBRL_HUMAN	33.8	10.7	1	60.0 (M:60.0)	2	5.6	1.81	670	1.26	2	0.96
RUFY1_HUMAN	79.8	5.5	1	66.4 (M:66.4)	1	2.1	1.71	620	1.19	1	
RUVB1_HUMAN	50.2	6.0	1	69.5 (M:69.5)	2	4.6	3.64	592	0.77	2	17.99
RUVB2_HUMAN	51.1	5.4	1	64.8 (M:64.8)	1	2.2	1.48	633	1.32	1	
SAMH1_HUMAN	72.2	6.8	1	28.9 (M:28.9)	1	2.1	0.73	1044	1.32	1	
SARNP_HUMAN	23.7	6.1	1	47.9 (M:47.9)	1	4.3	5.73	742	1.42	1	
SAFB1_HUMAN	102.6	5.2	2	38.9 (M:38.9)	1	1.2	1.08	824	1.36	1	
SRCRL_HUMAN	115.7	6.1	1	137.0 (M:137.0)	2	2.3	0.73	341	0.87	2	19.34
C163A_HUMAN	125.4	5.6	1	28.6 (M:28.6)	1	0.7	2.54	1049	1.81	1	
SCFD1_HUMAN	72.3	5.9	1	61.8 (M:61.8)	2	4.4	2.25	653	1.20	2	0.12
SCRN1_HUMAN	46.4	4.5	1	45.6 (M:45.6)	1	2.7	1.07	758	0.95	1	
SCAM2_HUMAN	36.6	5.7	1	32.3 (M:32.3)	1	2.1	0.04	954	2.50	1	
SBP1_HUMAN	52.4	5.9	1	33.2 (M:33.2)	1	2.3	0.67	935	0.94	1	
SEPP1_HUMAN	43.3	9.2	1	53.2 (M:53.2)	1	2.1	2.44	710	1.05	1	
SEPR_HUMAN	87.7	6.2	2	113.3 (M:113.3)	3	4.5	2.94	397	2.04	3	52.13
SEP11_HUMAN	49.4	6.4	3	72.1 (M:72.1)	2	4.4	5.66	577	1.29	2	14.04
SEP13_HUMAN	33.1	9.5	2	46.5 (M:46.5)	1	3.5	2.17	752	1.30	1	
SEPT2_HUMAN	41.5	6.1	1	118.6 (M:118.6)	3	10.2	288.48	381	1.14	3	17.53
SERC1_HUMAN	50.5	5.5	1	52.6 (M:52.6)	1	2.9	4.14	714			
PRS27_HUMAN	31.9	9.7	1	25.9 (M:25.9)	1	3.1	4.24	1146	0.91	1	
ISK5_HUMAN	120.6	9.6	1	187.8 (M:187.8)	5	4.6	4.71	244	0.50	5	8.35
2AAA_HUMAN	65.3	4.9	2	216.4 (M:216.4)	5	9.2	2.87	212	1.15	5	6.31
PP1B_HUMAN	37.2	5.8	3	109.4 (M:109.4)	3	10.4	3.54	412	1.33	3	29.60
STRAP_HUMAN	38.4	4.8	1	153.0 (M:153.0)	3	10.0	5.86	305	1.30	3	11.12
TRFE_HUMAN	77.0	7.0	7	2304.3 (M:2304.3)	45	28.4	2.75	2	0.98!	40	22.09
SPB12_HUMAN	46.2	5.3	1	34.8 (M:34.8)	1	1.7	0.95	898	1.01	1	

SPB13_HUMAN	44.2	5.4	1	100.1 (M:100.1)	3	7.4	3.72	436	0.89	3	5.54
SPB4_HUMAN	44.8	5.8	2	130.7 (M:130.7)	4	11.8	194.61	356	0.86	4	7.89
SPB5_HUMAN	42.1	5.7	1	351.4 (M:351.4)	7	22.4	3.00	139	1.09	7	15.36
SERPH_HUMAN	46.4	9.3	1	344.3 (M:344.3)	8	23.4	141.20	142	2.40	8	38.48
SRRT_HUMAN	100.6	5.6	1	36.0 (M:36.0)	1	1.1	3.08	873	1.73	1	
ALBU_HUMAN	69.3	5.9	4	1493.9 (M:1493.9)	33	26.1	2.40	5	1.16	32	19.48
SAA4_HUMAN	14.8	9.7	1	31.0 (M:31.0)	1	6.9	1.13	987	1.26	1	
SAMP_HUMAN	25.4	6.1	1	207.1 (M:207.1)	6	26.0	2.99	221	0.65	6	19.18
PON1_HUMAN	39.7	5.0	1	107.6 (M:107.6)	3	9.0	1.96	416	1.04	3	7.41
SRFB1_HUMAN	48.6	10.1	1	33.7 (M:33.7)	1	2.1	859.33	918	0.82	1	
SHBG_HUMAN	43.8	6.2	1	26.8 (M:26.8)	1	3.2	3.21	1124	1.38	1	
ESTD_HUMAN	31.4	6.6	1	31.6 (M:31.6)	1	5.3	3.36	971	0.95	1	
SH3L1_HUMAN	12.8	5.1	1	79.5 (M:79.5)	2	18.4	1.12	534	1.48	2	1.78
SH3K1_HUMAN	73.1	6.2	1	31.8 (M:31.8)	1	2.4	0.34	965			
SIAS_HUMAN	40.3	6.3	1	58.8 (M:58.8)	2	7.0	0.34	674	1.12	2	8.41
STAT1_HUMAN	87.3	5.7	1	87.4 (M:87.4)	3	4.5	1.44	497	1.80	3	18.67
SSBP_HUMAN	17.2	9.9	1	49.4 (M:49.4)	1	10.1	528.01	733	1.13	1	
RSMB_HUMAN	24.6	12.1	2	44.6 (M:44.6)	1	3.3	3.27	770	2.22	1	
SPRR3_HUMAN	18.1	9.9	1	179.8 (M:179.8)	5	23.7	5.91	258	0.32	5	37.01
SUMO4_HUMAN	10.7	7.5	3	74.0 (M:74.0)	1	12.6	0.15	566	2.01	1	
AT1A1_HUMAN	112.8	5.2	4	146.0 (M:146.0)	3	3.6	2.37	317	2.11	3	16.44
NPT2C_HUMAN	63.5	9.9	1	33.4 (M:33.4)	1	1.3	5.11	928	4.86	1	
S12A2_HUMAN	131.4	6.0	1	26.6 (M:26.6)	1	0.6	1.47	1129	2.10	1	
S12A7_HUMAN	119.0	6.3	1	67.6 (M:67.6)	1	0.6	728.60	605	1.43	1	
GTR1_HUMAN	54.0	9.6	1	54.8 (M:54.8)	2	3.5	4.83	700	3.48	2	10.06
rndGTR4_HUMAN	54.8	6.6	1	32.2 (M:32.2)	1	1.2	2.37	957	1.37	1	
SNX2_HUMAN	58.4	4.9	2	25.7 (M:25.7)	1	2.1	1.89	1154	1.11	1	
SNX6_HUMAN	46.6	5.8	1	38.0 (M:38.0)	1	2.0	1.28	836	1.45	1	
SPRL1_HUMAN	75.2	4.6	1	69.8 (M:69.8)	2	2.7	1.52	589	1.32	2	16.08
SPTA2_HUMAN	284.4	5.1	1	353.4 (M:353.4)	9	3.5	1.86	138	1.55	9	16.18
SPTB2_HUMAN	274.4	5.3	1	93.5 (M:93.5)	3	1.3	2.36	464	1.46	3	6.93
UAP56_HUMAN	49.0	5.3	2	113.6 (M:113.6)	3	7.2	2.48	396	1.37	3	32.84
SF01_HUMAN	68.3	9.7	1	39.6 (M:39.6)	1	2.5	5.90	813	1.01	1	
SF3A3_HUMAN	58.8	5.1	1	67.8 (M:67.8)	2	3.0	2.03	603	1.96	1	
SF3B2_HUMAN	97.6	5.4	1	26.4 (M:26.4)	1	1.3	9.78	1132	1.55	1	
SF3B3_HUMAN	135.5	5.0	1	35.4 (M:35.4)	1	0.9	0.75	881	0.95	1	
SFRS1_HUMAN	27.7	10.8	1	30.5 (M:30.5)	1	3.6	1.58	1000	1.66	1	
SFRS3_HUMAN	19.3	12.3	1	33.3 (M:33.3)	1	5.5	1.82	931	2.22	1	

SFPQ_HUMAN	76.1	9.9	1	92.1 (M:92.1)	2	2.3	2.32	472	2.10	2	15.35
rndSPRY4_HUMAN	23.1	6.5	1	25.4 (M:25.4)	1	3.9	9.04	1162	1.88	1	
STMN1_HUMAN	17.3	5.7	1	29.2 (M:29.2)	1	5.4	2.27	1034	1.32	1	
SAMD9_HUMAN	184.2	8.7	1	30.6 (M:30.6)	1	0.4	1.48	997	1.78	1	
GRP75_HUMAN	73.6	5.8	1	406.1 (M:406.1)	9	15.0	1.85	121	1.51	9	25.19
STIP1_HUMAN	62.6	6.4	1	88.5 (M:88.5)	2	3.9	1.68	490	1.59	2	6.74
rndSMC4_HUMAN	147.1	6.4	1	62.5 (M:62.5)	2	1.0	2.89	648	0.72	2	13.55
SUCB2_HUMAN	46.5	6.1	1	36.9 (M:36.9)	1	2.8	4.13	862	1.03	1	
QSOX1_HUMAN	82.5	9.9	1	27.3 (M:27.3)	1	0.9	0.05	1098	1.07	1	
SQRD_HUMAN	49.9	9.7	1	97.6 (M:97.6)	2	3.8	0.59	447	1.08	2	1.93
ST2B1_HUMAN	41.3	5.1	1	27.8 (M:27.8)	1	3.6	3.43	1084	0.99	1	
SAE1_HUMAN	38.4	5.0	1	33.2 (M:33.2)	1	3.5	2.83	934	1.45	1	
SODC_HUMAN	15.9	5.7	1	151.6 (M:151.6)	3	20.8	1.50	307	1.34	3	9.66
SODM_HUMAN	24.7	9.1	1	101.8 (M:101.8)	2	9.5	3.94	431	1.52	2	33.60
SMRC2_HUMAN	132.8	5.4	2	103.5 (M:103.5)	3	2.5	2.25	429	1.82	3	19.10
SMCE1_HUMAN	46.6	4.7	1	56.3 (M:56.3)	2	4.1	3.88	691	1.04	2	26.67
VAT1_HUMAN	41.9	5.9	1	51.2 (M:51.2)	1	4.3	6.84	724	1.39	1	
SYPL1_HUMAN	28.5	9.5	2	75.4 (M:75.4)	2	6.6	0.32	558	2.87	2	13.06
SDC1_HUMAN	32.4	4.4	1	104.1 (M:104.1)	2	5.5	5.02	426	1.19	1	
rndRIC8B_HUMAN	60.8	5.5	1	27.3 (M:27.3)	1	1.5	968.53	1097	1.08	1	
STXB4_HUMAN	61.7	5.0	1	25.0 (M:25.0)	1	1.4	871.06	1173	1.08	1	
TLN1_HUMAN	269.6	5.7	1	990.1 (M:990.1)	21	9.2	2.02	21	1.19	21	20.61
TADBP_HUMAN	44.7	5.8	1	31.7 (M:31.7)	1	2.2	0.78	969	1.55	1	
TARSH_HUMAN	118.6	10.1	1	129.2 (M:129.2)	3	3.3	244.72	359	1.34	3	14.21
rndTBC23_HUMAN	78.3	5.1	1	26.8 (M:26.8)	1	1.1	8.76	1122	0.69	1	
TCPA_HUMAN	60.3	5.7	2	113.1 (M:113.1)	3	4.3	1.60	399	1.55	3	1.77
TCPB_HUMAN	57.5	6.0	1	114.3 (M:114.3)	2	3.6	5.16	393	1.52	2	5.80
TCPD_HUMAN	57.9	9.0	1	56.4 (M:56.4)	2	3.9	1.51	689	1.57	2	10.30
TCPE_HUMAN	59.6	5.3	1	163.7 (M:163.7)	5	7.9	1.80	283	1.26	5	3.79
TCPH_HUMAN	59.3	8.6	1	67.3 (M:67.3)	2	4.6	1.75	609	0.95	2	12.76
TCPG_HUMAN	60.5	6.1	1	26.7 (M:26.7)	1	2.0	5.67	1127	0.96	1	
TCPQ_HUMAN	59.6	5.3	1	130.7 (M:130.7)	3	6.8	1.23	355	1.41	3	14.93
TCPZ_HUMAN	58.0	6.2	1	122.4 (M:122.4)	3	5.1	2.76	370	1.63	3	5.55
TENA_HUMAN	240.7	4.6	1	638.6 (M:638.6)	13	7.1	2.63	58	2.66	13	54.28
TENX_HUMAN	464.0	5.1	2	1229.6 (M:1229.6)	31	8.5	2.55	12	1.08	30	17.91
TENC1_HUMAN	152.5	9.5	3	40.6 (M:40.6)	1	0.9	1.41	799	1.40	1	
TES_HUMAN	48.0	9.1	1	28.4 (M:28.4)	1	2.4	1.66	1058	1.22	1	
TTC1_HUMAN	33.5	4.6	1	35.6 (M:35.6)	1	2.4	2.78	879	1.73	1	

TXND5_HUMAN	47.6	5.6	1	66.9 (M:66.9)	2	4.2	3.93	613	2.04	2	5.89
THIO_HUMAN	11.7	4.7	1	174.0 (M:174.0)	3	21.0	1.92	264	0.99	3	6.83
TXNL1_HUMAN	32.2	4.7	1	37.2 (M:37.2)	1	3.1	1.86	858	1.17	1	
SYTC_HUMAN	83.4	6.2	1	28.4 (M:28.4)	1	1.2	3.00	1057	1.40	1	
TSP1_HUMAN	129.3	4.6	1	89.9 (M:89.9)	2	1.7	1.58	482	3.79	2	3.42
TSP2_HUMAN	129.9	4.5	1	25.0 (M:25.0)	1	1.4	474.42	1172	1.26	1	
THY1_HUMAN	17.9	9.8	1	53.3 (M:53.3)	1	6.2	3.26	708	2.47	1	
TYPH_HUMAN	49.9	5.2	1	202.0 (M:202.0)	4	13.5	257.70	228	1.73	4	32.59
TYB10_HUMAN	5.0	5.2	5	41.0 (M:41.0)	1	15.9	0.38	794	2.68	1	
THBG_HUMAN	46.3	5.9	1	624.8 (M:624.8)	13	29.9	3.38	63	1.06!	13	22.12
TITIN_HUMAN	3813.8	6.0	2	110.9 (M:110.9)	3	0.1	666.36	406	1.03	3	13.83
TALDO_HUMAN	37.5	6.4	1	343.1 (M:343.1)	8	22.6	2.57	143	1.13	8	18.94
TCO1_HUMAN	48.2	4.8	1	115.7 (M:115.7)	3	11.3	1.26	388	1.14	3	44.90
ELOC_HUMAN	12.5	4.6	1	36.2 (M:36.2)	1	17.9	1.86	869	1.24	1	
ELOB_HUMAN	13.1	4.6	1	91.7 (M:91.7)	2	14.4	0.94	473	1.39	2	6.33
TCRG1_HUMAN	123.8	9.3	1	63.4 (M:63.4)	2	1.4	1.24	643	1.86	2	8.76
rndCTCF_HUMAN	82.7	6.5	1	27.9 (M:27.9)	1	0.8	2.42	1077	1.30	1	
TFR1_HUMAN	84.8	6.2	1	136.1 (M:136.1)	4	5.4	3.60	342	2.22	4	60.47
rndTRRAP_HUMAN	437.3	9.3	1	25.1 (M:25.1)	1	0.5	412.81	1171	0.58	1	
BGH3_HUMAN	74.6	8.6	1	417.8 (M:417.8)	9	14.1	128.15	118	1.73	9	40.55
RHOA_HUMAN	21.8	5.8	2	33.4 (M:33.4)	1	4.1	2.32	925	1.10	1	
TAGL_HUMAN	22.6	9.4	1	571.0 (M:571.0)	13	40.3	3.68	75	0.85	13	30.56
TAGL2_HUMAN	22.4	9.3	1	38.4 (M:38.4)	1	7.0	3.32	829	1.85	1	
TGON2_HUMAN	51.1	5.4	1	232.6 (M:232.6)	5	12.9	1.64	199	2.75	5	18.26
TRPM7_HUMAN	212.6	8.9	1	26.4 (M:26.4)	1	0.3	2.79	1133	1.02	1	
TERA_HUMAN	89.3	5.0	1	309.8 (M:309.8)	7	9.2	1.36	165	1.64	7	14.51
TKT_HUMAN	67.8	8.5	1	314.1 (M:314.1)	8	14.6	2.74	162	0.91	8	13.60
TCTP_HUMAN	19.6	4.7	1	34.0 (M:34.0)	1	4.1	0.85	914	1.35	1	
TTHY_HUMAN	15.9	5.4	1	78.1 (M:78.1)	2	12.9	3.84	541	0.85	2	33.04
ECHA_HUMAN	82.9	9.8	1	76.0 (M:76.0)	2	2.8	1.61	555	1.41	2	25.27
ECHB_HUMAN	51.3	10.0	1	79.8 (M:79.8)	2	4.2	2.69	533	1.17	2	6.10
PUR2_HUMAN	107.7	6.3	1	75.7 (M:75.7)	2	1.9	1.82	556	1.52	2	11.45
TPIS_HUMAN	26.7	6.5	2	284.5 (M:284.5)	7	32.1	2.69	172	1.80	7	20.03
TRI29_HUMAN	65.8	6.8	1	60.9 (M:60.9)	2	2.4	2.85	659	0.91	2	0.82
TRM6_HUMAN	55.8	7.8	1	31.4 (M:31.4)	1	1.6	3.37	976	2.22	1	
TPM1_HUMAN	32.7	4.5	2	663.8 (M:663.8)	14	41.2	3.19	57	0.94	13	47.17
TPM3_HUMAN	32.8	4.5	3	506.0 (M:506.0)	12	35.9	2.79	87	1.32	11	46.78
TPM4_HUMAN	28.5	4.5	1	582.7 (M:582.7)	13	35.1	2.80	72	1.38	12	43.90

TPM2_HUMAN	32.8	4.5	17	705.5 (M:705.5)	15	38.0	3.03	51	0.90	14	37.46
TRY2_HUMAN	26.5	4.6	3	33.4 (M:33.4)	1	8.1	5.10	927	1.14	1	
TRYD_HUMAN	26.6	5.5	5	31.8 (M:31.8)	1	3.3	3.32	964	0.66	1	
SYWC_HUMAN	53.1	5.8	1	238.4 (M:238.4)	6	16.6	166.36	197	1.49	6	42.09
T22D4_HUMAN	41.0	6.8	3	31.0 (M:31.0)	1	1.8	3.42	988	1.16	1	
TBA1A_HUMAN	50.1	4.8	3	391.2 (M:391.2)	8	16.6	4.58	125	1.54	8	25.80
TBA1C_HUMAN	49.9	4.8	4	413.7 (M:413.7)	8	16.7	4.85	119	1.61	8	29.31
TBA4A_HUMAN	49.9	4.8	1	407.7 (M:407.7)	8	16.7	4.01	120	1.59	8	28.99
TBB5_HUMAN	49.6	4.6	4	712.3 (M:712.3)	14	23.6	1.09	48	1.39	12	39.18
TBB2A_HUMAN	49.9	4.6	2	567.8 (M:567.8)	12	18.7	1.26	76	1.40	10	39.95
TBB2C_HUMAN	49.8	4.6	4	622.6 (M:622.6)	13	21.3	1.20	65	1.38	11	41.34
TBB3_HUMAN	50.4	4.7	2	328.3 (M:328.3)	8	15.3	1.85	150	1.35	7	32.39
TPPP3_HUMAN	19.0	9.8	1	55.0 (M:55.0)	1	4.5	1.91	699	1.14	1	
TTL12_HUMAN	74.4	5.2	1	43.9 (M:43.9)	1	1.9	1.45	775	1.15	1	
rndTNFA_HUMAN	25.6	6.5	2	26.3 (M:26.3)	1	2.1	5.89	1138	1.44	1	
TPD52_HUMAN	24.3	4.6	1	39.2 (M:39.2)	1	2.7	1.96	820	1.29	1	
TPD53_HUMAN	22.4	5.4	1	42.3 (M:42.3)	1	2.9	3.06	784	0.84	1	
TPD54_HUMAN	22.2	5.1	1	55.1 (M:55.1)	1	7.3	0.82	698	1.22	1	
TWF2_HUMAN	39.5	6.4	1	50.6 (M:50.6)	1	5.4	456.63	727	1.41	1	
BAZ1B_HUMAN	170.8	9.4	1	37.6 (M:37.6)	1	0.5	5.24	847	1.85	1	
SHPS1_HUMAN	54.8	6.3	1	98.9 (M:98.9)	2	3.8	0.41	439	1.78	2	28.14
LSM7_HUMAN	11.6	5.0	1	56.1 (M:56.1)	1	6.8	1.12	693	1.65	1	
LSM8_HUMAN	10.4	4.2	1	71.9 (M:71.9)	2	30.2	5.41	578	1.25	2	19.38
UBQL1_HUMAN	62.5	4.9	3	58.7 (M:58.7)	1	3.4	3.08	675			
UBP14_HUMAN	56.0	5.1	1	44.9 (M:44.9)	1	2.6	4.05	767	1.20	1	
UBP5_HUMAN	95.7	4.8	1	36.6 (M:36.6)	1	1.5	547.18	865	0.77	1	
UCHL3_HUMAN	26.2	4.7	1	30.4 (M:30.4)	1	5.7	2.20	1001	1.11	1	
UBIQ_HUMAN	8.6	7.6	1	254.4 (M:254.4)	6	52.6	2.73	187	1.77	6	13.33
UB2L6_HUMAN	17.8	9.0	1	41.2 (M:41.2)	1	4.6	3.13	789	1.45	1	
UB2L3_HUMAN	17.9	9.5	1	35.8 (M:35.8)	1	5.8	3.94	875	1.54	1	
UBE2N_HUMAN	17.1	6.2	1	38.4 (M:38.4)	1	9.9	2.55	830	0.78	1	
UBA1_HUMAN	117.8	5.4	1	292.3 (M:292.3)	8	10.4	2.14	171	1.38	8	12.89
GALE_HUMAN	38.3	6.3	1	28.7 (M:28.7)	1	2.9	4.59	1047	1.39	1	
UGDH_HUMAN	55.0	6.9	1	70.2 (M:70.2)	2	4.0	387.13	585	1.02	2	0.76
KCY_HUMAN	22.2	5.3	1	64.0 (M:64.0)	2	10.7	3.57	638	1.12	2	0.79
CT111_HUMAN	31.8	9.6	1	28.4 (M:28.4)	1	2.1	4.72	1059	2.61	1	
K1462_HUMAN	148.3	6.7	2	28.6 (M:28.6)	1	0.4	0.10	1050	1.69	1	
CA128_HUMAN	24.2	5.4	1	25.5 (M:25.5)	1	3.3	2.61	1159	1.12	1	

RD23A_HUMAN	39.6	4.4	1	34.0 (M:34.0)	1	2.5	0.58	913	1.52	1	
RD23B_HUMAN	43.1	4.6	1	100.1 (M:100.1)	2	4.2	1.30	435	1.47	2	10.11
VP26A_HUMAN	38.1	6.1	1	40.4 (M:40.4)	1	5.5	469.64	800	1.40	1	
VPS28_HUMAN	25.4	5.2	1	35.0 (M:35.0)	1	4.5	0.27	896	1.47	1	
VPS29_HUMAN	20.5	6.3	1	77.5 (M:77.5)	2	8.2	2.85	548	1.26	2	12.40
VPS35_HUMAN	91.6	5.2	1	154.4 (M:154.4)	4	6.0	3.54	303	1.23	4	18.16
SYVC_HUMAN	140.4	8.4	1	47.2 (M:47.2)	1	0.9	2.88	748	1.22	1	
VCAM1_HUMAN	81.2	5.0	1	64.1 (M:64.1)	2	3.1	1.75	637	1.13	2	4.21
VASP_HUMAN	39.8	9.7	1	35.6 (M:35.6)	1	2.6	1.07	880	1.29	1	
VASN_HUMAN	71.7	8.0	1	116.1 (M:116.1)	3	6.2	1.34	386	1.09	3	12.56
CSPG2_HUMAN	372.6	4.3	1	986.0 (M:986.0)	22	4.6	2.66	22	3.50	19	48.34
ACADV_HUMAN	70.3	9.6	1	63.6 (M:63.6)	2	3.1	3.56	641	0.81	2	22.70
GOT1B_HUMAN	15.4	10.8	1	26.5 (M:26.5)	1	10.1	5.06	1131	1.22	1	
rndVAPA_HUMAN	27.9	9.6	1	25.3 (M:25.3)	1	2.8	1125.94	1164	1.17	1	
NSF_HUMAN	82.5	6.6	1	55.9 (M:55.9)	2	1.9	4.56	694	1.53	2	12.18
LMAN2_HUMAN	40.2	6.5	1	27.5 (M:27.5)	1	2.8	1.70	1093	1.84	1	
VIGLN_HUMAN	141.4	6.4	1	49.1 (M:49.1)	1	0.7	561.29	734	1.58	1	
VIME_HUMAN	53.6	4.9	12	1492.4 (M:1492.4)	33	40.6	2.07	6	3.40	24	55.57
VINC_HUMAN	123.7	5.4	2	1258.0 (M:1258.0)	25	24.4	2.43	9	1.11	25	12.55
VISL1_HUMAN	22.1	4.9	1	35.2 (M:35.2)	1	5.8	2.38	887	1.09	1	
VTDB_HUMAN	52.9	5.3	1	196.6 (M:196.6)	6	11.0	1.36	231	1.10	6	9.36
PROS_HUMAN	75.1	5.4	1	132.8 (M:132.8)	4	6.2	2.74	351	1.15	4	12.51
VTNC_HUMAN	54.3	5.5	2	74.7 (M:74.7)	2	4.4	2.13	562	1.21	2	14.24
rndVWA2_HUMAN	82.0	9.6	1	32.3 (M:32.3)	1	0.8	2.58	953	1.25	1	
VWF_HUMAN	309.1	5.2	1	28.0 (M:28.0)	1	0.4	651.09	1072	1.31	1	
rndSORC3_HUMAN	135.7	6.1	1	43.1 (M:43.1)	1	0.8	4.22	778	0.65	1	
VATA_HUMAN	68.3	5.2	1	109.0 (M:109.0)	3	3.7	2.02	413	1.47	3	28.15
VATE1_HUMAN	26.1	8.8	2	100.0 (M:100.0)	2	7.1	0.96	437	1.21	2	18.97
rndWSB1_HUMAN	47.4	8.8	1	27.0 (M:27.0)	1	1.4	1.34	1113	1.25	1	
WDR1_HUMAN	66.2	6.2	1	112.4 (M:112.4)	3	5.6	290.48	400	1.21	3	5.00
PEPD_HUMAN	54.5	5.6	1	35.8 (M:35.8)	1	1.8	1.98	877	1.35	1	
rndYETS4_HUMAN	26.5	9.1	1	25.4 (M:25.4)	0	3.1	0.79	1160			
ZN185_HUMAN	49.2	5.1	1	39.2 (M:39.2)	1	4.6	6.01	822	1.13	1	
ZN407_HUMAN	247.2	6.0	1	25.6 (M:25.6)	1	0.4	5.57	1156	1.16	1	
ZZEF1_HUMAN	330.9	5.6	1	26.1 (M:26.1)	1	0.2	0.05	1142	1.03	1	
ZA2G_HUMAN	33.9	5.5	2	945.0 (M:945.0)	20	49.5	1.73	24	1.02	19	

Supplementary Table S4 Summary of GlcNAc/sialic acid N-linked glycoproteins involved in ESCC by iTRAQ (2nd).

Accession	MW [kDa]	pI	#Alt.	Scores	#Peptide	SC [%]	RMS90 [pI]	Rank	Median(H/L)	#(H/L)	CV [%](H/L)
1433E_HUMAN	29.2	4.5	1	336.6 (M:336.6)	8	20.8	2.45	42	1.37	6	18.06
1433F_HUMAN	28.2	4.6	1	305.6 (M:305.6)	6	15.9	2.66	46	1.46	5	25.49
1433G_HUMAN	28.3	4.7	1	262.8 (M:262.8)	6	15.8	2.87	60	1.33	4	19.95
1433S_HUMAN	27.8	4.5	1	478.4 (M:478.4)	11	27.0	3.59	22	1.12	9	23.91
1433T_HUMAN	27.7	4.5	3	413.8 (M:413.8)	10	22.0	2.45	28	1.41	8	17.47
1433Z_HUMAN	27.7	4.6	2	534.2 (M:534.2)	11	32.2	2.39	16	1.38	8	16.01
1B44_HUMAN	40.5	5.6	1	40.3 (M:40.3)	1	2.8	4.86	535	1.58	1	
1C14_HUMAN	40.8	5.7	59	138.0 (M:138.0)	3	9.0	280.54	129	2.83	3	66.29
2AAA_HUMAN	65.3	4.9	1	54.0 (M:54.0)	1	1.7	1.99	394	1.22	1	
2B17_HUMAN	29.8	7.9	8	62.3 (M:62.3)	2	5.6	4.60	332	2.00	2	6.39
2B1C_HUMAN	29.9	9.0	4	74.3 (M:74.3)	2	5.6	3.85	271	1.89	2	0.36
4F2_HUMAN	68.0	4.7	1	150.8 (M:150.8)	3	3.7	5.47	113	2.23	2	36.14
5NTD_HUMAN	63.3	6.6	1	45.9 (M:45.9)	1	1.7	6.19	462	1.38	1	
6PGD_HUMAN	53.1	7.0	1	286.0 (M:286.0)	7	9.9	1.60	52	0.87	7	24.88
6PGL_HUMAN	27.5	5.7	1	59.2 (M:59.2)	1	4.7	3.73	357	0.85	1	
8ODP_HUMAN	22.5	5.0	1	36.4 (M:36.4)	1	6.1	3.72	626	1.67	1	
A1AG1_HUMAN	23.5	4.8	1	497.9 (M:497.9)	10	30.3	2.61	19	0.97!	7	23.18
A1AG2_HUMAN	23.6	4.9	1	600.0 (M:600.0)	12	30.3	2.01	12	0.89!	8	18.03
A1AT_HUMAN	46.7	5.3	3	1368.9 (M:1368.9)	29	38.0	56.41	3	0.83!	20	27.30
A2AP_HUMAN	54.5	5.9	1	27.2 (M:27.2)	1	1.8	1.46	869	1.02	1	
A2GL_HUMAN	38.2	6.5	2	298.9 (M:298.9)	7	17.3	2.78	49	0.85	5	29.43
A2MG_HUMAN	163.2	6.0	2	345.4 (M:345.4)	7	5.4	2.64	39	0.98	5	10.64
AACS_HUMAN	75.1	5.8	1	26.3 (M:26.3)	1	1.5	3.71	889	0.88	1	
AACT_HUMAN	47.6	5.2	1	180.1 (M:180.1)	4	12.1	1.31	91			
AAPK1_HUMAN	64.0	9.1	1	46.5 (M:46.5)	1	1.8	3.40	456	2.18	1	
AATM_HUMAN	47.4	9.8	1	31.8 (M:31.8)	1	3.3	2.85	735	0.63	1	
ABCE1_HUMAN	67.3	9.5	1	67.2 (M:67.2)	1	1.8	2.15	300	1.98	1	
ABCF3_HUMAN	79.7	5.9	1	33.2 (M:33.2)	1	2.1	2.75	697	2.68	1	
ACAD9_HUMAN	68.7	9.0	1	44.6 (M:44.6)	1	1.8	2.33	479	1.61	1	
ACADM_HUMAN	46.6	9.4	1	32.3 (M:32.3)	1	1.7	2.59	721	1.11	1	
ACAP2_HUMAN	88.0	6.4	1	35.6 (M:35.6)	1	1.0	1.46	650	1.50	1	
ACBP_HUMAN	10.0	6.2	1	35.9 (M:35.9)	1	8.0	2.75	639	0.96	1	
ACE_HUMAN	149.6	5.9	1	32.1 (M:32.1)	1	0.8	5.41	729	1.50	1	
ACINU_HUMAN	151.8	6.0	1	27.8 (M:27.8)	1	0.7	0.06	847	1.55	1	
ACLY_HUMAN	120.8	7.1	1	25.4 (M:25.4)	1	1.4	3.33	913	1.65	1	
ACO13_HUMAN	15.0	10.0	1	54.0 (M:54.0)	1	7.1	1.53	393	1.07	1	

ACOX1_HUMAN	74.4	9.1	1	37.4 (M:37.4)	1	3.9	313.46	602			
ACSL1_HUMAN	77.9	7.0	1	44.4 (M:44.4)	1	1.7	1.32	484	1.36	1	
ACTA_HUMAN	42.0	5.1	4	934.5 (M:934.5)	21	37.4	1.12	5	1.06!	13	26.13
ACTB_HUMAN	41.7	5.2	7	1019.4 (M:1019.4)	22	36.3	1.51	4	1.11!	13	27.22
ACTN1_HUMAN	103.0	5.1	3	113.7 (M:113.7)	2	1.5	3.40	162	0.91	1	
ACTY_HUMAN	42.3	6.0	1	43.0 (M:43.0)	1	2.1	2.44	502	1.02	1	
ACTZ_HUMAN	42.6	6.2	1	112.8 (M:112.8)	3	5.9	5.44	164	1.38	3	16.64
ADH7_HUMAN	40.0	9.4	1	42.1 (M:42.1)	1	2.4	2.33	519	0.50	1	
ADSV_HUMAN	80.4	5.4	1	32.9 (M:32.9)	1	1.0	4.40	706	0.69	1	
AFG32_HUMAN	88.5	9.4	1	34.1 (M:34.1)	1	0.9	0.09	680	1.75	1	
AGM1_HUMAN	59.8	5.8	1	38.7 (M:38.7)	1	1.7	3.96	567	1.79	1	
AGRIN_HUMAN	214.7	6.0	1	26.4 (M:26.4)	1	0.6	4.54	887	3.56	1	
AHNK_HUMAN	628.7	5.7	2	571.7 (M:571.7)	12	2.2	3.19	14	1.04	12	22.18
AHNK2_HUMAN	616.2	5.1	1	68.2 (M:68.2)	2	0.3	4.13	296	2.00	2	17.76
AHSA1_HUMAN	38.3	5.3	1	89.1 (M:89.1)	2	5.3	6.04	222	1.35	2	17.71
AIF1_HUMAN	16.7	5.9	1	28.4 (M:28.4)	1	6.8	2.05	824	1.14	1	
AIFM1_HUMAN	66.9	9.6	1	33.0 (M:33.0)	1	2.1	0.80	701	1.28	1	
AIMP1_HUMAN	34.3	9.4	1	68.3 (M:68.3)	2	5.8	4.19	295	1.84	2	3.88
AK1A1_HUMAN	36.5	6.4	1	58.4 (M:58.4)	2	4.9	3.30	364	1.02	2	0.82
AK1C2_HUMAN	36.7	7.8	4	40.0 (M:40.0)	1	2.5	6.96	538	1.58	1	
AKA12_HUMAN	191.4	4.2	1	80.2 (M:80.2)	2	1.1	2.97	245	0.87!	1	
AL1B1_HUMAN	57.2	6.4	1	77.4 (M:77.4)	2	4.3	2.97	257	1.45	2	19.81
AL9A1_HUMAN	53.8	5.6	1	65.0 (M:65.0)	1	2.2	1.80	314	0.66	1	
ALBU_HUMAN	69.3	5.9	7	1778.4 (M:1778.4)	35	41.1	4.10	1	1.08!	13	45.36
ALDH2_HUMAN	56.3	6.8	1	32.6 (M:32.6)	1	2.5	0.59	713	1.22	1	
ALDOA_HUMAN	39.4	9.2	1	83.2 (M:83.2)	2	5.5	0.95	238	1.50	1	
ALDOC_HUMAN	39.4	6.5	1	99.8 (M:99.8)	2	8.2	2.51	192	1.50!	1	
ALDR_HUMAN	35.8	6.6	1	27.6 (M:27.6)	1	2.2	8.26	851	2.30	1	
ALS_HUMAN	66.0	6.4	1	28.2 (M:28.2)	1	1.5	5.57	832	1.01	1	
AMBP_HUMAN	39.0	5.9	2	515.2 (M:515.2)	11	19.3	4.64	18	1.19!	3	29.08
AMPL_HUMAN	56.1	9.0	1	108.4 (M:108.4)	2	4.6	4.22	175	1.41	2	14.61
AMPN_HUMAN	109.5	5.2	1	47.5 (M:47.5)	1	1.2	3.12	444	4.43	1	
ANGT_HUMAN	53.1	5.9	1	274.3 (M:274.3)	7	10.1	2.89	56	1.03!	6	22.34
ANM1_HUMAN	41.5	5.1	1	27.9 (M:27.9)	1	2.8	5.94	843	0.98	1	
ANR11_HUMAN	297.8	6.7	1	32.0 (M:32.0)	1	0.3	5.09	731	1.64	1	
ANT3_HUMAN	52.6	6.3	1	280.6 (M:280.6)	7	12.7	3.54	53	0.98!	3	9.36
ANX11_HUMAN	54.4	8.5	1	126.6 (M:126.6)	4	8.7	2.99	140	1.58	4	25.19
ANXA1_HUMAN	38.7	6.7	1	303.0 (M:303.0)	6	11.3	2.17	47	0.97	5	12.22

ANXA2_HUMAN	38.6	8.5	7	148.0 (M:148.0)	4	9.7	5.46	119	1.79!	2	22.18
ANXA4_HUMAN	35.9	5.8	1	98.1 (M:98.1)	2	3.8	4.50	197	1.61	2	44.97
ANXA5_HUMAN	35.9	4.8	1	289.1 (M:289.1)	7	17.2	1.94	50	1.93	6	28.48
ANXA6_HUMAN	75.8	5.3	1	465.2 (M:465.2)	9	8.8	3.69	25	2.28	8	28.02
ANXA7_HUMAN	52.7	5.4	1	43.8 (M:43.8)	1	3.3	5.90	493	1.86!	1	
APIG1_HUMAN	91.3	6.4	1	66.9 (M:66.9)	2	1.8	2.70	302	1.79	2	25.39
AP3B1_HUMAN	121.2	5.7	1	29.0 (M:29.0)	1	1.1	6.01	810	2.06	1	
APOA1_HUMAN	30.8	5.5	1	160.7 (M:160.7)	3	12.4	2.26	101	0.93	3	14.24
APOB_HUMAN	515.2	6.6	1	263.2 (M:263.2)	7	1.4	1.91	59	0.97	6	17.60
APOC1_HUMAN	9.3	9.3	1	51.0 (M:51.0)	1	10.8	3.49	411	1.64	1	
APOE_HUMAN	36.1	5.5	1	61.3 (M:61.3)	2	2.2	4.66	337	1.55	2	12.68
APOL2_HUMAN	37.1	6.3	1	48.9 (M:48.9)	1	2.4	5.77	432	1.85	1	
APOM_HUMAN	21.2	5.6	1	36.0 (M:36.0)	1	3.7	2.21	636	0.94	1	
ARD1A_HUMAN	26.4	5.3	1	90.1 (M:90.1)	2	9.4	3.20	219	1.36	2	19.95
ARF5_HUMAN	20.5	6.4	4	98.4 (M:98.4)	2	11.7	2.53	195	1.54	2	0.05
ARFG2_HUMAN	56.7	9.0	1	32.7 (M:32.7)	1	1.7	5.20	709	0.92	1	
ARL1_HUMAN	20.4	5.5	1	41.4 (M:41.4)	1	12.2	381.50	526			
ARL8A_HUMAN	21.4	8.9	1	72.4 (M:72.4)	2	13.4	5.47	276	1.30	2	0.52
ARL8B_HUMAN	21.5	9.6	1	42.3 (M:42.3)	1	4.8	4.92	514	1.15	1	
ARP2_HUMAN	44.7	6.3	1	74.7 (M:74.7)	2	6.1	2.07	268	1.10	1	
ARP3_HUMAN	47.3	5.5	1	26.2 (M:26.2)	1	2.9	6.11	892	1.60	1	
ARPC3_HUMAN	20.5	9.5	1	78.4 (M:78.4)	2	10.1	3.78	252	1.51	2	9.81
ARPC4_HUMAN	19.7	9.4	1	61.2 (M:61.2)	2	4.2	1.77	340	1.68	2	18.93
ARPC5_HUMAN	16.3	5.3	1	43.4 (M:43.4)	1	7.3	6.05	497	1.41	1	
ASC_HUMAN	21.6	5.9	1	28.5 (M:28.5)	1	4.1	3.95	822	1.14	1	
ASSY_HUMAN	46.5	8.9	1	41.1 (M:41.1)	1	1.7	3.40	530	1.38	1	
AT1A1_HUMAN	112.8	5.2	2	99.2 (M:99.2)	2	2.6	4.56	193	3.09	1	
AT1B3_HUMAN	31.5	9.3	1	38.0 (M:38.0)	1	5.0	1.74	581			
ATG3_HUMAN	35.8	4.5	1	25.3 (M:25.3)	1	4.1	4.42	921	1.17	1	
ATLA3_HUMAN	60.5	5.3	1	46.8 (M:46.8)	1	3.5	2.82	452			
ATPA_HUMAN	59.7	9.6	1	55.7 (M:55.7)	2	4.2	1.26	381	1.17	2	6.09
ATPB_HUMAN	56.5	5.1	1	61.1 (M:61.1)	2	7.0	249.63	343	1.04!	2	28.99
AXA82_HUMAN	36.8	5.3	3	33.6 (M:33.6)	1	3.4	1.54	690	1.02	1	
BA2L2_HUMAN	316.8	9.7	1	40.2 (M:40.2)	1	0.3	1.33	537	1.80	1	
BAG2_HUMAN	23.8	6.3	1	46.8 (M:46.8)	1	4.7	6.59	451	1.79	1	
BAIP2_HUMAN	60.8	9.5	1	25.6 (M:25.6)	1	1.6	0.47	908	1.15	1	
BAP31_HUMAN	28.0	9.1	2	90.9 (M:90.9)	2	6.5	3.23	214	3.44	2	4.63
BASI_HUMAN	42.2	5.3	1	57.5 (M:57.5)	2	4.2	2.31	373	3.00	2	5.89

BASP1_HUMAN	22.7	4.5	1	187.6 (M:187.6)	4	22.5	4.60	86	2.71	4	27.54
BAZ1B_HUMAN	170.8	9.4	1	37.6 (M:37.6)	1	0.5	5.57	593	2.41	1	
BGAL_HUMAN	76.0	6.1	1	29.0 (M:29.0)	1	1.8	7.19	809	3.61	1	
BGH3_HUMAN	74.6	8.6	1	26.8 (M:26.8)	1	1.8	3.12	878			
BIN1_HUMAN	64.7	4.8	1	33.1 (M:33.1)	1	3.0	3.12	698	1.01	1	
BPIL1_HUMAN	49.1	9.5	1	29.7 (M:29.7)	1	1.7	2.53	787	0.46	1	
BROX_HUMAN	46.4	8.5	1	28.7 (M:28.7)	1	2.2	4.42	818	1.30	1	
BRX1_HUMAN	41.4	10.5	1	27.4 (M:27.4)	1	3.4	4.10	861	1.73	1	
BZW1_HUMAN	48.0	5.6	1	25.7 (M:25.7)	1	1.7	0.20	903	1.32	1	
C19L1_HUMAN	60.6	7.1	1	44.6 (M:44.6)	1	1.5	5.84	480	1.67	1	
C1QBP_HUMAN	31.3	4.6	1	85.2 (M:85.2)	2	9.9	1.27	235	1.15	2	58.97
C1R_HUMAN	80.1	5.8	1	43.3 (M:43.3)	1	1.6	3.78	499	2.88	1	
C1S_HUMAN	76.6	4.7	2	216.7 (M:216.7)	5	7.1	2.23	74	1.04	4	20.24
CA144_HUMAN	17.0	9.5	1	35.7 (M:35.7)	1	5.3	2.90	648	1.40	1	
CACO1_HUMAN	77.3	4.6	1	35.8 (M:35.8)	1	1.0	2.35	640	2.18	1	
CAD13_HUMAN	78.2	4.7	1	44.4 (M:44.4)	1	1.5	1.12	485	3.63	1	
CAD19_HUMAN	86.9	4.5	1	41.9 (M:41.9)	1	1.3	1.70	520	1.40	1	
CADH1_HUMAN	97.4	4.4	1	31.0 (M:31.0)	1	2.0	2.95	756			
CALD1_HUMAN	93.2	5.5	1	496.8 (M:496.8)	12	11.1	2.59	20	1.23!	10	30.83
CALL3_HUMAN	16.9	4.1	1	152.6 (M:152.6)	4	13.4	6.25	110	1.35	3	20.57
CALM_HUMAN	16.8	3.9	1	207.4 (M:207.4)	5	14.1	4.87	78	1.53	4	25.24
CALR_HUMAN	48.1	4.1	1	116.3 (M:116.3)	4	8.4	2.82	157	2.97	4	26.75
CALX_HUMAN	67.5	4.3	1	37.2 (M:37.2)	1	2.7	4.10	603			
CAN1_HUMAN	81.8	5.4	1	49.4 (M:49.4)	1	1.0	9.18	429			
CAN2_HUMAN	80.0	4.7	1	70.1 (M:70.1)	1	1.6	1.34	286	1.01	1	
CAND1_HUMAN	136.3	5.4	1	52.5 (M:52.5)	1	0.7	2.01	404	1.48	1	
CAP1_HUMAN	51.8	9.1	2	49.8 (M:49.8)	1	1.7	2.54	424	1.44	1	
CARF_HUMAN	61.0	9.9	1	40.6 (M:40.6)	1	1.6	3.04	533	1.04	1	
CASPE_HUMAN	27.7	5.3	1	37.0 (M:37.0)	1	3.3	3.06	605	1.40	1	
CATA_HUMAN	59.7	7.0	1	81.0 (M:81.0)	2	3.8	4.69	242	1.06	2	9.16
CATB_HUMAN	37.8	5.9	1	41.2 (M:41.2)	1	2.4	2.57	528	2.05	1	
CATK_HUMAN	36.9	9.4	1	30.6 (M:30.6)	1	2.4	8.64	762	4.28	1	
CAV1_HUMAN	20.5	5.6	1	50.9 (M:50.9)	1	5.1	1.98	413	1.43	1	
CAV2_HUMAN	18.3	4.9	1	34.0 (M:34.0)	1	4.9	4.05	681	1.55	1	
CBG_HUMAN	45.1	5.6	1	126.8 (M:126.8)	3	11.1	303.66	138	0.75	1	
CBR1_HUMAN	30.4	9.5	1	148.1 (M:148.1)	3	11.9	3.11	117	0.89	3	5.56
CC104_HUMAN	39.4	4.8	1	31.6 (M:31.6)	1	3.2	4.99	738			
CC124_HUMAN	25.8	10.0	1	45.2 (M:45.2)	1	3.6	4.53	469	2.32	1	

CCD89_HUMAN	43.8	5.2	1	26.7 (M:26.7)	1	1.3	8.99	883			
CCD93_HUMAN	73.2	8.9	1	57.8 (M:57.8)	1	1.6	2.98	369	1.65	1	
CD14_HUMAN	40.1	5.8	1	54.1 (M:54.1)	1	5.1	3.90	392			
CD2AP_HUMAN	71.4	6.0	1	38.7 (M:38.7)	1	1.1	4.56	566	2.03	1	
CD82_HUMAN	29.6	5.0	1	64.5 (M:64.5)	1	3.7	0.76	317	1.79	1	
CD99_HUMAN	18.8	4.4	1	90.9 (M:90.9)	2	7.6	2.40	215	1.99	2	34.71
CDC42_HUMAN	21.3	5.7	1	40.5 (M:40.5)	1	4.2	3.70	534	1.46	1	
CDS2_HUMAN	51.4	6.7	1	36.1 (M:36.1)	1	2.7	5.95	631	1.97	1	
CE033_HUMAN	49.4	9.4	1	29.9 (M:29.9)	1	1.8	1.89	781	1.10	1	
CEAM5_HUMAN	76.7	5.3	1	74.9 (M:74.9)	2	4.3	2.44	265	1.04	1	
CEAM8_HUMAN	38.1	7.7	2	90.5 (M:90.5)	2	8.3	3.61	218			
CERU_HUMAN	122.1	5.4	1	437.8 (M:437.8)	9	4.2	2.31	27	0.81	8	50.61
CFAB_HUMAN	85.5	6.7	1	468.8 (M:468.8)	9	10.1	3.12	24	1.16!	8	27.20
CFAI_HUMAN	65.7	9.0	1	35.4 (M:35.4)	1	1.0	2.64	654	1.12	1	
CH10_HUMAN	10.9	9.4	1	45.5 (M:45.5)	1	13.7	3.45	465	2.13	1	
CH3L1_HUMAN	42.6	9.4	1	204.2 (M:204.2)	4	12.3	3.21	81	2.70	4	77.48
CH60_HUMAN	61.0	5.6	1	209.0 (M:209.0)	4	4.9	2.98	77	1.37	4	7.16
CHIT1_HUMAN	51.6	6.7	1	31.5 (M:31.5)	1	2.1	7.01	740	1.39	1	
CHL1_HUMAN	135.0	5.4	1	37.8 (M:37.8)	1	1.0	2.39	587	0.66	1	
CK5P3_HUMAN	56.9	4.5	1	29.5 (M:29.5)	1	2.8	5.99	794	0.72	1	
CLC11_HUMAN	35.7	4.9	1	38.0 (M:38.0)	1	3.7	6.85	582	6.31	1	
CLCA_HUMAN	27.1	4.3	1	33.9 (M:33.9)	1	2.4	5.10	683	3.31	1	
CLCA4_HUMAN	101.2	5.2	1	66.2 (M:66.2)	2	2.6	2.32	308	0.77	2	26.07
CLCB_HUMAN	25.2	4.4	1	63.5 (M:63.5)	2	4.4	4.74	326	1.99	2	1.12
CLH1_HUMAN	191.5	5.4	2	369.4 (M:369.4)	8	4.1	3.92	35	1.51!	5	25.27
CLIC1_HUMAN	26.9	4.9	1	31.8 (M:31.8)	1	7.5	0.97	734			
CLIC6_HUMAN	73.0	4.1	1	27.3 (M:27.3)	1	1.3	5.10	866	1.86	1	
CLIP1_HUMAN	162.1	5.2	1	145.6 (M:145.6)	4	2.5	2.97	123	1.20	4	22.29
CLPP_HUMAN	30.2	9.2	1	47.1 (M:47.1)	1	5.8	1.26	449	0.77	1	
CLUS_HUMAN	52.5	5.9	1	409.8 (M:409.8)	7	12.2	1.92	30	1.19	5	33.90
CN166_HUMAN	28.1	6.2	1	41.8 (M:41.8)	1	3.7	2.44	522	1.19	1	
CO1A2_HUMAN	129.2	9.7	1	29.2 (M:29.2)	1	0.7	5.43	802	1.25	1	
CO3_HUMAN	187.0	6.0	1	162.5 (M:162.5)	5	3.4	4.28	99	1.44	3	21.10
CO4A_HUMAN	192.7	6.7	2	94.1 (M:94.1)	2	1.0	2.56	203	1.82	2	30.56
CO5_HUMAN	188.2	6.1	1	54.3 (M:54.3)	1	0.8	315.50	391	1.52	1	
CO6_HUMAN	104.7	6.4	1	58.5 (M:58.5)	1	1.1	0.55	362	1.89	1	
CO6A1_HUMAN	108.5	5.1	1	80.5 (M:80.5)	2	3.0	3.26	244	1.75!	1	
CO6A3_HUMAN	343.5	6.3	1	207.2 (M:207.2)	5	2.0	3.60	79	1.46!	4	29.27

CO7_HUMAN	93.5	6.1	1	25.9 (M:25.9)	1	1.2	0.68	899	0.90	1	
CO8A_HUMAN	65.1	6.1	1	44.3 (M:44.3)	1	1.4	1.91	487	1.70	1	
CO8G_HUMAN	22.3	9.4	1	32.4 (M:32.4)	1	7.9	0.95	718			
CO9_HUMAN	63.1	5.3	1	120.0 (M:120.0)	2	3.9	4.43	151	1.10	2	8.40
COCA1_HUMAN	332.9	5.3	1	156.7 (M:156.7)	5	1.3	4.91	107	3.17	5	35.34
COEA1_HUMAN	193.4	5.0	1	25.2 (M:25.2)	1	0.4	0.02	929	0.70	1	
COF1_HUMAN	18.5	9.1	1	26.1 (M:26.1)	1	4.8	1.12	893	1.52	1	
COMD6_HUMAN	9.6	5.6	1	34.9 (M:34.9)	1	10.6	4.06	661			
COMT_HUMAN	30.0	5.2	1	37.4 (M:37.4)	1	3.0	1.28	600	0.75	1	
COPA_HUMAN	138.3	8.5	1	31.2 (M:31.2)	1	0.9	8.34	749	2.56	1	
COPB_HUMAN	107.1	5.7	1	44.9 (M:44.9)	1	1.0	2.86	473	2.06	1	
COPE_HUMAN	34.5	4.8	1	47.6 (M:47.6)	1	2.9	0.22	440	1.72	1	
COPZ1_HUMAN	20.2	4.5	1	36.1 (M:36.1)	1	6.2	2.85	632	1.32	1	
COR1C_HUMAN	53.2	6.7	1	61.3 (M:61.3)	1	2.5	3.19	338	1.45	1	
CP135_HUMAN	133.4	5.8	2	65.3 (M:65.3)	2	0.9	4.13	311	0.85	2	3.98
CPNE1_HUMAN	59.0	5.4	1	34.8 (M:34.8)	1	3.0	4.19	666	1.38	1	
CPNS2_HUMAN	27.6	5.4	2	47.5 (M:47.5)	1	2.8	5.41	445	1.02	1	
CPPED_HUMAN	35.6	5.8	1	34.5 (M:34.5)	1	2.5	3.94	671	1.77	1	
CPSF1_HUMAN	160.8	6.0	1	32.4 (M:32.4)	1	0.8	2.93	720	1.55	1	
CPSF3_HUMAN	77.4	5.3	1	42.8 (M:42.8)	1	1.5	7.84	505	1.36	1	
CRAC1_HUMAN	71.4	4.8	1	26.2 (M:26.2)	1	1.4	3.68	891	1.61	1	
CRY1_HUMAN	66.4	9.2	2	29.0 (M:29.0)	1	0.9	2.08	808	1.99	1	
CSPG2_HUMAN	372.6	4.3	1	229.3 (M:229.3)	7	1.2	6.64	64	2.47!	5	71.66
CSTF3_HUMAN	82.9	8.9	1	36.6 (M:36.6)	1	0.8	6.30	621	1.91	1	
CSTN1_HUMAN	109.7	4.7	1	80.1 (M:80.1)	2	1.6	5.36	246	4.01	2	37.28
CT004_HUMAN	43.4	5.6	1	37.4 (M:37.4)	1	2.9	5.66	599	1.33	1	
CTHR1_HUMAN	26.2	9.5	1	33.7 (M:33.7)	1	3.3	4.64	688	6.83	1	
CTNA1_HUMAN	100.0	5.9	1	50.6 (M:50.6)	1	0.8	2.19	414	1.21	1	
CUL1_HUMAN	89.6	8.9	1	25.7 (M:25.7)	1	1.2	2.60	907	1.03	1	
CUL2_HUMAN	86.9	6.5	1	48.1 (M:48.1)	1	1.3	0.89	435	1.55	1	
CUL3_HUMAN	88.9	9.3	1	34.7 (M:34.7)	1	1.3	2.65	669	1.24	1	
CUL4A_HUMAN	87.6	9.0	1	38.1 (M:38.1)	1	0.9	3.17	579	0.74	1	
CUL4B_HUMAN	102.2	8.8	1	25.9 (M:25.9)	1	1.3	3.04	898	1.57	1	
CUL5_HUMAN	90.9	8.9	1	44.7 (M:44.7)	1	1.0	3.17	476	0.98	1	
CV028_HUMAN	55.2	6.9	1	72.5 (M:72.5)	2	5.1	3.56	275	1.31	2	13.69
CYBP_HUMAN	26.2	9.0	1	123.6 (M:123.6)	3	8.8	1.44	148	1.25	3	11.34
CYC_HUMAN	11.7	10.1	1	66.5 (M:66.5)	2	10.5	0.98	306	1.11	1	
CYTA_HUMAN	11.0	5.3	1	181.6 (M:181.6)	4	37.8	2.82	90	1.11	4	45.74

CYTB_HUMAN	11.1	7.9	1	169.1 (M:169.1)	5	37.8	1.76	98	0.53	3	45.12
CYTSB_HUMAN	118.5	6.3	1	33.3 (M:33.3)	1	0.9	4.83	693	1.04	1	
DAB2_HUMAN	82.4	5.2	1	32.7 (M:32.7)	1	1.4	6.52	711	2.36	1	
DC1I2_HUMAN	71.4	4.9	1	109.9 (M:109.9)	2	4.9	2.41	172	2.18!	1	
DCBD2_HUMAN	85.0	6.9	1	28.0 (M:28.0)	1	1.0	5.00	838	2.80	1	
DCD_HUMAN	11.3	6.1	1	126.1 (M:126.1)	2	10.0	1.65	141	1.69	1	
DCTN1_HUMAN	141.6	5.5	1	133.2 (M:133.2)	4	3.3	6.15	134	1.58	4	20.81
DCTN2_HUMAN	44.2	5.0	1	90.5 (M:90.5)	2	4.5	1.95	217	1.36	2	2.61
DCTP1_HUMAN	18.7	4.8	1	74.8 (M:74.8)	1	7.6	3.87	266	1.26	1	
DDAH1_HUMAN	31.1	5.5	1	30.8 (M:30.8)	1	2.8	0.61	761	0.76	1	
DDB1_HUMAN	126.9	5.0	1	91.8 (M:91.8)	2	2.5	321.49	212	1.46	2	27.43
DDX47_HUMAN	50.6	9.8	1	37.0 (M:37.0)	1	2.2	7.48	607	1.58	1	
DDX5_HUMAN	69.1	9.7	2	33.1 (M:33.1)	1	1.3	3.99	700	1.67	1	
DDX60_HUMAN	197.7	8.4	1	26.4 (M:26.4)	1	0.8	1.72	886			
DESM_HUMAN	53.5	5.1	1	134.6 (M:134.6)	3	8.5	4.27	132	1.79!	3	52.04
DHAK_HUMAN	58.9	7.9	1	79.3 (M:79.3)	1	3.7	2.50	247			
DHB4_HUMAN	79.6	9.6	1	52.6 (M:52.6)	1	1.8	3.56	403	0.88	1	
DHB8_HUMAN	27.0	6.1	1	29.4 (M:29.4)	1	5.7	2.87	798	2.25	1	
DHE3_HUMAN	61.4	8.5	2	36.8 (M:36.8)	1	2.9	1.58	612	1.36	1	
DIAP1_HUMAN	141.3	5.2	1	113.6 (M:113.6)	3	2.0	2.84	163	1.52	3	6.48
DJB11_HUMAN	40.5	5.8	1	36.7 (M:36.7)	1	2.2	3.48	617	1.67	1	
DLDH_HUMAN	54.1	8.9	1	61.2 (M:61.2)	1	2.2	4.12	341	0.90	1	
DLG1_HUMAN	100.4	5.4	1	39.8 (M:39.8)	1	1.9	5.05	542			
DLGP4_HUMAN	107.9	6.7	1	43.3 (M:43.3)	1	1.5	5.33	498	0.99	1	
DMD_HUMAN	426.4	5.6	1	37.0 (M:37.0)	1	0.2	2.64	606	0.59	1	
DNJB1_HUMAN	38.0	9.4	1	39.5 (M:39.5)	1	2.4	2.99	549	1.24	1	
DNJC7_HUMAN	56.4	6.6	1	27.1 (M:27.1)	1	2.6	5.67	870	1.60	1	
DNM1L_HUMAN	81.8	6.4	1	125.9 (M:125.9)	3	5.4	3.19	142	1.27	2	5.00
DPB1_HUMAN	29.1	9.7	1	64.1 (M:64.1)	2	5.8	3.98	321	1.77	2	6.91
DPP9_HUMAN	98.2	6.0	1	51.7 (M:51.7)	1	1.4	0.31	407	1.03	1	
DPYL3_HUMAN	61.9	6.0	1	45.9 (M:45.9)	1	2.8	5.41	463	1.24	1	
DSC3_HUMAN	99.9	5.7	1	33.3 (M:33.3)	1	1.0	3.28	695	1.74	1	
DSG1_HUMAN	113.6	4.8	1	29.7 (M:29.7)	1	1.0	5.31	786	1.24	1	
DSG2_HUMAN	122.2	5.0	1	91.8 (M:91.8)	3	1.3	4.87	213	3.97	3	9.51
DSRAD_HUMAN	135.9	9.6	1	28.8 (M:28.8)	1	0.8	4.39	815	2.06	1	
DYH12_HUMAN	356.7	5.8	1	92.4 (M:92.4)	3	0.4	2.49	208	0.94	2	1.93
DYHC1_HUMAN	532.1	6.0	1	347.8 (M:347.8)	8	1.5	2.76	38	1.36	8	15.62
DYN2_HUMAN	98.0	7.2	1	29.8 (M:29.8)	1	1.0	0.69	785	1.47	1	

E41L1_HUMAN	98.4	5.3	1	36.6 (M:36.6)	1	1.0	2.70	619	1.07	1	
E41L3_HUMAN	120.6	5.0	1	47.2 (M:47.2)	1	0.8	2.13	448	1.18	1	
ECE1_HUMAN	87.1	5.5	1	33.8 (M:33.8)	1	0.9	7.18	686	3.55	1	
ECM1_HUMAN	60.6	6.3	1	59.8 (M:59.8)	2	5.6	3.05	352	0.55	1	
EDEM3_HUMAN	104.6	4.7	1	26.8 (M:26.8)	1	0.6	7.61	879	2.47	1	
EEA1_HUMAN	162.4	5.4	1	89.0 (M:89.0)	2	1.3	3.09	223	1.10	2	22.75
EF1A1_HUMAN	50.1	9.7	3	85.7 (M:85.7)	2	5.6	2.85	232	0.87	1	
EF1D_HUMAN	31.1	4.8	1	35.8 (M:35.8)	1	4.3	3.68	643			
EF1G_HUMAN	50.1	6.3	1	101.2 (M:101.2)	2	5.9	0.51	186	1.22	2	25.46
EF2_HUMAN	95.3	6.4	1	147.6 (M:147.6)	4	4.0	3.33	121	1.57	4	24.06
EFHD2_HUMAN	26.7	5.0	1	36.1 (M:36.1)	1	3.3	5.50	633	1.88	1	
EFNA1_HUMAN	23.8	6.4	1	26.1 (M:26.1)	1	4.4	5.17	895	1.28	1	
EFTU_HUMAN	49.5	7.9	1	25.6 (M:25.6)	1	2.7	6.17	909	1.53	1	
EH1L1_HUMAN	161.8	4.6	1	35.8 (M:35.8)	1	0.5	4.16	642	1.39	1	
EHD1_HUMAN	60.6	6.4	2	41.2 (M:41.2)	1	2.1	0.93	529	1.34	1	
EHD2_HUMAN	61.1	6.0	1	32.2 (M:32.2)	1	2.0	0.60	727	0.69	1	
EIF3B_HUMAN	92.4	4.7	1	33.8 (M:33.8)	1	1.1	4.22	684	1.62	1	
EIF3E_HUMAN	52.2	5.7	1	35.0 (M:35.0)	1	2.2	3.08	660	2.68	1	
EIF3H_HUMAN	39.9	6.1	1	34.4 (M:34.4)	1	3.4	4.01	673			
EIF3I_HUMAN	36.5	5.3	1	65.4 (M:65.4)	2	7.7	1.45	310	1.18	2	7.28
EIF3J_HUMAN	29.0	4.6	1	25.7 (M:25.7)	1	3.1	3.31	902	1.67	1	
EIF3L_HUMAN	66.7	5.9	1	27.6 (M:27.6)	1	1.6	3.05	854	0.98	1	
ELP1_HUMAN	150.2	5.6	1	31.3 (M:31.3)	1	1.7	0.79	748			
EMAL1_HUMAN	89.8	6.7	1	57.7 (M:57.7)	1	1.3	2.49	371	1.25	1	
EMAL2_HUMAN	70.6	5.9	1	33.0 (M:33.0)	1	2.2	3.80	704			
EMIL1_HUMAN	106.6	4.9	1	107.9 (M:107.9)	2	3.3	221.91	176	1.45	2	2.61
ENAH_HUMAN	66.5	6.5	1	53.1 (M:53.1)	1	1.7	8.61	400	3.66	1	
ENOA_HUMAN	47.1	7.7	1	123.9 (M:123.9)	3	6.5	6.29	147	1.60	3	11.83
ENPL_HUMAN	92.4	4.6	2	220.9 (M:220.9)	5	5.6	4.43	72	2.10	5	67.07
ENTP1_HUMAN	57.9	5.9	1	43.9 (M:43.9)	1	1.8	0.98	492	1.30	1	
EPCR_HUMAN	26.7	6.9	1	41.0 (M:41.0)	1	3.8	5.10	531			
EPS15_HUMAN	98.6	4.4	1	74.6 (M:74.6)	2	3.2	5.71	269	1.41	2	4.12
ERF1_HUMAN	49.0	5.4	1	31.4 (M:31.4)	1	2.5	1.16	742	1.42	1	
ERLN1_HUMAN	38.9	8.6	1	25.3 (M:25.3)	1	1.7	6.98	920	1.44	1	
ES8L2_HUMAN	80.6	6.4	1	50.4 (M:50.4)	1	1.7	3.57	417	0.96	1	
EST2_HUMAN	61.8	5.7	1	25.1 (M:25.1)	1	1.8	0.55	930	0.56	1	
ESYT1_HUMAN	122.8	5.5	1	29.6 (M:29.6)	1	1.3	4.51	792	1.72	1	
EWS_HUMAN	68.4	9.7	1	42.1 (M:42.1)	1	2.1	5.00	518	1.31	1	

EXOC1_HUMAN	101.9	6.2	1	33.5 (M:33.5)	1	0.9	4.48	691	0.98	1	
EZRI_HUMAN	69.4	5.9	1	110.8 (M:110.8)	3	4.1	2.70	168	1.40	3	21.89
F105B_HUMAN	40.2	5.2	1	27.8 (M:27.8)	1	2.0	1.69	848	1.32	1	
F13A_HUMAN	83.2	5.7	1	68.5 (M:68.5)	2	3.0	5.43	294	1.03!	1	
F175B_HUMAN	46.9	5.8	1	25.5 (M:25.5)	1	1.9	2.76	911	1.11	1	
FA26E_HUMAN	35.1	9.6	1	32.3 (M:32.3)	1	2.9	4.99	724	1.65	1	
FA69B_HUMAN	48.5	10.1	1	34.9 (M:34.9)	1	1.9	1050.32	664			
FA83H_HUMAN	127.0	6.6	1	41.4 (M:41.4)	1	1.5	0.16	527			
FABP5_HUMAN	15.2	7.5	1	116.8 (M:116.8)	2	6.7	2.44	156	2.19	1	
FAS_HUMAN	273.3	6.0	1	93.5 (M:93.5)	2	0.9	3.45	205	1.01	2	4.17
FCL_HUMAN	35.9	6.1	1	112.0 (M:112.0)	3	11.8	3.79	165	0.97	3	4.26
FCN2_HUMAN	34.0	6.4	2	30.5 (M:30.5)	1	2.2	4.55	769	2.29	1	
FETUA_HUMAN	39.3	5.4	1	126.6 (M:126.6)	3	3.8	2.79	139	0.97	3	21.43
FETUB_HUMAN	42.0	6.6	1	31.1 (M:31.1)	1	3.1	3.70	753	0.84	1	
FGL2_HUMAN	50.2	7.7	1	79.1 (M:79.1)	2	4.3	2.26	249	2.24	2	20.73
FIBA_HUMAN	94.9	5.6	6	387.8 (M:387.8)	9	8.0	3.22	34	0.88	7	33.18
FIBB_HUMAN	55.9	9.3	1	265.4 (M:265.4)	6	14.3	4.54	58	0.96	2	9.71
FIBG_HUMAN	51.5	5.3	1	335.3 (M:335.3)	8	15.0	2.01	43	1.05	5	13.99
FINC_HUMAN	262.4	5.4	1	286.8 (M:286.8)	6	4.2	3.32	51	5.16	4	48.11
FKB15_HUMAN	133.5	5.0	1	58.3 (M:58.3)	2	1.2	8.05	366	1.88	2	14.86
FKBP3_HUMAN	25.2	9.8	1	44.7 (M:44.7)	1	4.9	4.43	477	1.02	1	
FKBP4_HUMAN	51.8	5.2	1	103.8 (M:103.8)	2	4.6	2.18	183	1.12	2	30.95
FKBP5_HUMAN	51.2	5.6	1	25.4 (M:25.4)	1	1.8	4.84	917	1.41	1	
FKBP7_HUMAN	30.0	6.1	1	37.1 (M:37.1)	1	3.1	6.86	604	2.66	1	
FLII_HUMAN	144.7	5.7	1	36.8 (M:36.8)	1	0.6	4.55	613	1.54	1	
FLNA_HUMAN	280.6	5.7	1	712.3 (M:712.3)	18	6.2	2.06	7	1.12	16	18.36
FLNB_HUMAN	278.0	5.4	2	149.0 (M:149.0)	4	1.4	1.98	115	1.60	4	22.19
FMNL_HUMAN	121.8	5.4	1	64.9 (M:64.9)	2	2.1	3.95	315	1.18	2	0.42
FMOD_HUMAN	43.2	5.6	1	28.7 (M:28.7)	1	2.1	5.76	819	3.11	1	
FMR1_HUMAN	71.1	7.2	1	32.2 (M:32.2)	1	1.3	4.25	726	1.42	1	
FOLR3_HUMAN	27.6	9.5	1	30.5 (M:30.5)	1	5.3	0.36	766	1.22	1	
FPRP_HUMAN	98.5	6.2	1	25.1 (M:25.1)	1	0.8	0.77	934	2.70	1	
FRIH_HUMAN	21.2	5.2	1	64.6 (M:64.6)	2	8.7	5.12	316	1.72	2	5.55
FSCN1_HUMAN	54.5	7.0	1	76.3 (M:76.3)	2	5.9	4.66	260	2.87	1	
FSTL1_HUMAN	35.0	5.3	1	36.6 (M:36.6)	1	3.9	6.37	620	2.64	1	
FUBP1_HUMAN	67.5	7.8	1	27.1 (M:27.1)	1	1.9	2.61	871	1.00	1	
FUBP2_HUMAN	73.1	7.0	1	58.9 (M:58.9)	1	1.5	4.66	358	2.42	1	
FUMH_HUMAN	54.6	9.4	1	100.2 (M:100.2)	2	4.5	2.11	190	0.83	2	10.74

FUS_HUMAN	53.4	9.7	2	50.4 (M:50.4)	1	2.7	4.75	418	1.18	1	
FXR1_HUMAN	69.7	5.8	1	38.0 (M:38.0)	1	1.3	6.72	584	1.94	1	
FYCO1_HUMAN	166.9	4.7	1	68.5 (M:68.5)	2	0.9	4.00	293	1.77	2	1.52
G3BP1_HUMAN	52.1	5.3	1	45.4 (M:45.4)	1	2.4	2.37	466	2.16	1	
G3BP2_HUMAN	54.1	5.3	1	39.8 (M:39.8)	1	1.7	7.76	539	1.04	1	
G3P_HUMAN	36.0	9.3	1	118.2 (M:118.2)	4	14.3	3.59	154	1.22!	2	0.40
G6PD_HUMAN	59.2	6.4	1	29.8 (M:29.8)	1	1.4	2.72	783	1.35	1	
G6PI_HUMAN	63.1	9.1	2	29.4 (M:29.4)	1	1.3	3.31	799	1.40	1	
GALT_HUMAN	43.3	6.5	1	32.4 (M:32.4)	1	2.1	3.43	719	1.01	1	
GANAB_HUMAN	106.8	5.7	1	33.1 (M:33.1)	1	1.2	3.99	699	1.91	1	
GAS2_HUMAN	34.9	9.7	1	88.7 (M:88.7)	3	4.2	5.47	224	3.15	1	
GBP6_HUMAN	72.4	6.0	1	137.5 (M:137.5)	3	3.3	1.59	130	0.42	3	58.57
GCN1L_HUMAN	292.6	7.4	1	26.1 (M:26.1)	1	0.7	5.88	894			
GDIB_HUMAN	50.6	6.1	1	39.3 (M:39.3)	1	2.5	2.66	552	0.61	1	
GDN_HUMAN	44.0	10.0	1	37.7 (M:37.7)	1	2.3	1.57	588	4.08	1	
GKN1_HUMAN	22.0	5.9	1	28.1 (M:28.1)	1	3.0	0.21	835	1.32	1	
GLU2B_HUMAN	59.4	4.2	1	25.2 (M:25.2)	1	1.3	4.88	926	1.73	1	
GLYM_HUMAN	56.0	9.5	1	28.1 (M:28.1)	1	1.8	6.44	834	1.21	1	
GMPPA_HUMAN	46.3	6.8	1	43.2 (M:43.2)	1	3.3	1.38	500	1.55	1	
GNAT2_HUMAN	40.2	5.0	4	27.2 (M:27.2)	1	1.7	1.51	868	1.43	1	
GOGA2_HUMAN	111.6	4.8	1	59.5 (M:59.5)	2	1.9	3.61	355	2.27	2	15.18
GOLM1_HUMAN	45.3	4.8	1	44.4 (M:44.4)	1	2.2	2.51	486	1.06	1	
GPNMB_HUMAN	63.9	6.2	1	38.4 (M:38.4)	1	1.6	6.89	571	2.44	1	
GRAP1_HUMAN	95.9	4.9	1	46.7 (M:46.7)	1	1.2	0.34	453	1.45	1	
GRB2_HUMAN	25.2	5.9	1	38.2 (M:38.2)	1	4.6	3.97	576	2.23	1	
GRP75_HUMAN	73.6	5.8	1	176.4 (M:176.4)	5	8.2	4.10	94	1.90	3	30.17
GRP78_HUMAN	72.3	4.9	6	117.8 (M:117.8)	4	3.8	5.74	155	2.23	4	33.63
GSHR_HUMAN	56.2	9.6	1	32.3 (M:32.3)	1	2.3	0.88	723	1.20	1	
GSTK1_HUMAN	25.5	9.3	1	30.4 (M:30.4)	1	7.1	2.69	770	0.80	1	
GSTM3_HUMAN	26.5	5.2	1	54.5 (M:54.5)	1	5.3	2.42	388	0.46	1	
GSTP1_HUMAN	23.3	5.3	1	127.6 (M:127.6)	3	15.7	2.39	137	1.53!	2	2.51
GT251_HUMAN	71.6	7.0	1	27.4 (M:27.4)	1	1.4	5.71	864	3.09	1	
H12_HUMAN	21.4	11.4	1	43.2 (M:43.2)	1	7.5	2.43	501			
H15_HUMAN	22.6	11.4	1	47.9 (M:47.9)	1	7.1	3.49	438			
H2AY_HUMAN	39.6	10.3	1	29.1 (M:29.1)	1	3.0	2.85	804	1.30	1	
HBA_HUMAN	15.2	9.4	2	406.6 (M:406.6)	10	35.2	1.47	31	1.01	8	17.35
HBB_HUMAN	16.0	6.9	2	566.3 (M:566.3)	12	73.5	2.27	15	0.73!	5	17.77
HBD_HUMAN	16.0	9.1	1	413.1 (M:413.1)	9	59.2	2.46	29	0.83!	5	25.74

HBG1_HUMAN	16.1	6.8	1	184.0 (M:184.0)	3	15.0	2.31	88	0.83	2	3.04
HBG2_HUMAN	16.1	6.8	1	159.1 (M:159.1)	3	15.0	2.27	104	0.87	2	7.46
HCD2_HUMAN	26.9	9.1	1	33.3 (M:33.3)	1	9.6	366.81	694			
HCDH_HUMAN	34.3	9.4	1	109.9 (M:109.9)	2	10.8	242.49	173	0.72	1	
HDGF_HUMAN	26.8	4.6	1	95.5 (M:95.5)	3	13.3	4.62	199	1.75!	2	13.87
HEMO_HUMAN	51.6	6.6	4	680.9 (M:680.9)	16	23.6	219.48	10	0.99!	10	21.29
HMG2_HUMAN	9.4	10.5	1	42.8 (M:42.8)	1	8.9	8.35	506	1.52	1	
HNRH1_HUMAN	49.2	5.9	1	71.6 (M:71.6)	2	7.3	309.58	281	1.50	1	
HNRPC_HUMAN	33.6	4.8	1	70.5 (M:70.5)	1	3.6	0.21	285	3.72	1	
HNRPD_HUMAN	38.4	8.5	1	58.8 (M:58.8)	2	3.7	4.47	359	1.91	2	4.17
HNRPF_HUMAN	45.6	5.3	1	87.5 (M:87.5)	2	3.1	4.20	227	1.11	2	13.12
HNRPK_HUMAN	50.9	5.3	1	37.5 (M:37.5)	1	1.9	6.43	596	1.06	1	
HNRPM_HUMAN	77.5	9.6	1	77.5 (M:77.5)	2	2.2	4.74	253	2.37	2	11.68
HOOK3_HUMAN	83.1	5.0	1	88.3 (M:88.3)	2	2.1	3.71	225	1.01	2	13.26
HPT_HUMAN	45.2	6.1	2	810.2 (M:810.2)	18	25.4	2.46	6	0.79	16	26.96
HRG_HUMAN	59.5	7.2	1	33.0 (M:33.0)	1	2.3	2.06	703	1.07	1	
HS90A_HUMAN	84.6	4.8	2	148.6 (M:148.6)	4	6.6	1.66	116	1.15!	3	12.80
HS90B_HUMAN	83.2	4.8	2	151.4 (M:151.4)	4	5.7	2.93	112	1.22!	2	10.54
HSP71_HUMAN	70.0	5.4	2	225.3 (M:225.3)	5	5.8	1.41	67	1.11!	4	44.04
HSP72_HUMAN	70.0	5.4	1	70.7 (M:70.7)	1	5.6	2.72	284			
HSP74_HUMAN	94.3	5.0	1	93.3 (M:93.3)	2	1.7	3.01	206	1.35!	2	30.32
HSP7C_HUMAN	70.9	5.2	4	209.5 (M:209.5)	6	5.6	5.12	76	1.81	6	25.31
HSP7E_HUMAN	54.8	5.3	1	29.1 (M:29.1)	1	2.0	2.27	806	1.38	1	
HSPB1_HUMAN	22.8	6.0	1	85.7 (M:85.7)	3	8.3	3.36	233	1.01	2	44.75
HSPB6_HUMAN	17.1	6.0	1	36.9 (M:36.9)	1	8.1	1.52	609	0.84	1	
HUWE1_HUMAN	481.6	5.0	1	35.9 (M:35.9)	1	0.2	0.63	638	1.37	1	
HV102_HUMAN	12.9	9.8	3	34.1 (M:34.1)	1	6.0	0.42	678	1.31	1	
HXK1_HUMAN	102.4	6.4	1	70.8 (M:70.8)	2	2.4	2.98	283	1.10	2	16.81
HXK2_HUMAN	102.3	5.7	1	39.2 (M:39.2)	1	1.2	3.06	556	1.45	1	
HYOU1_HUMAN	111.3	5.0	1	73.2 (M:73.2)	2	2.5	4.35	273	1.80	2	39.61
IBP6_HUMAN	25.3	9.8	1	39.1 (M:39.1)	1	2.9	1.37	560	1.73	1	
IC1_HUMAN	55.1	6.1	1	52.6 (M:52.6)	2	2.8	5.32	402	0.92!	1	
ICAL_HUMAN	76.5	4.8	1	34.4 (M:34.4)	1	0.8	1.90	674	0.84	1	
ICAM1_HUMAN	57.8	9.4	1	34.7 (M:34.7)	1	2.6	7.78	668			
ICOSL_HUMAN	33.3	5.0	1	27.7 (M:27.7)	1	3.3	0.90	850	1.18	1	
IF2B2_HUMAN	66.1	9.1	1	28.8 (M:28.8)	1	2.0	7.90	813	3.44	1	
IF2G_HUMAN	51.1	9.5	2	39.5 (M:39.5)	1	2.3	4.22	548	1.87	1	
IF4A1_HUMAN	46.1	5.2	1	38.4 (M:38.4)	1	2.7	4.57	570	1.37	1	

IF4B_HUMAN	69.1	5.4	1	53.3 (M:53.3)	1	1.6	5.67	399	1.84	1	
IF4G3_HUMAN	176.5	5.1	2	74.4 (M:74.4)	2	1.0	5.12	270	1.65	2	2.74
IF5_HUMAN	49.2	5.3	1	34.5 (M:34.5)	1	1.9	3.56	672	1.27	1	
IFIT1_HUMAN	55.3	6.8	1	39.2 (M:39.2)	1	4.4	1.68	557			
IFIT3_HUMAN	55.9	5.0	1	27.4 (M:27.4)	1	1.4	4.30	863	3.03	1	
IGBP1_HUMAN	39.2	5.1	1	81.0 (M:81.0)	1	3.5	1.92	243	2.13	1	
IGHA1_HUMAN	37.6	6.1	2	276.8 (M:276.8)	5	13.9	1.71	55	1.01	4	28.82
IGHG1_HUMAN	36.1	9.4	2	333.0 (M:333.0)	9	25.8	2.09	44	1.20!	8	19.80
IGHG2_HUMAN	35.9	8.8	1	341.3 (M:341.3)	9	17.8	2.24	40	1.18!	7	21.60
IGHG4_HUMAN	35.9	7.8	1	194.1 (M:194.1)	6	15.6	1.71	83	1.20!	5	22.80
IGHM_HUMAN	49.3	6.4	1	221.2 (M:221.2)	4	6.2	3.63	71	1.38	4	22.26
IGJ_HUMAN	18.1	5.0	1	61.9 (M:61.9)	2	9.4	1.40	333	1.08	1	
IGKC_HUMAN	11.6	5.5	1	398.1 (M:398.1)	5	49.1	86.33	33	0.43!	1	
IKBB_HUMAN	37.7	4.6	1	29.6 (M:29.6)	1	3.7	1.81	791	0.75	1	
IL1R2_HUMAN	45.4	9.0	1	28.9 (M:28.9)	1	2.3	3.16	811	1.85	1	
ILF2_HUMAN	43.0	5.0	1	36.9 (M:36.9)	1	2.8	7.36	610	2.30	1	
ILK_HUMAN	51.4	9.3	1	46.3 (M:46.3)	1	3.3	2.44	458	0.81	1	
IMB1_HUMAN	97.1	4.5	1	27.6 (M:27.6)	1	0.9	3.51	852	2.04	1	
INVO_HUMAN	68.4	4.5	1	36.4 (M:36.4)	1	1.2	0.98	627	0.59	1	
IPO7_HUMAN	119.4	4.6	1	45.1 (M:45.1)	1	0.9	2.52	471	1.58	1	
IQGA1_HUMAN	189.1	6.1	1	219.9 (M:219.9)	7	4.0	4.09	73	1.39!	6	43.17
ISK5_HUMAN	120.6	9.6	6	248.0 (M:248.0)	5	3.3	3.52	63	0.57	5	51.67
ITB1_HUMAN	88.4	5.1	2	60.4 (M:60.4)	2	1.6	5.85	348	2.73	2	11.26
ITB5_HUMAN	88.0	5.7	1	30.2 (M:30.2)	1	0.9	2.76	775	2.05	1	
ITIH1_HUMAN	101.3	6.3	1	56.5 (M:56.5)	1	1.1	3.57	377	1.39	1	
ITIH2_HUMAN	106.4	6.4	1	189.6 (M:189.6)	5	4.3	4.00	85	1.19!	3	11.70
ITIH3_HUMAN	99.8	5.4	1	170.2 (M:170.2)	4	2.1	2.98	97	1.62	4	16.93
ITIH4_HUMAN	103.3	6.5	1	224.0 (M:224.0)	5	4.6	2.53	70	0.94	4	16.20
JIP4_HUMAN	146.1	4.9	1	60.1 (M:60.1)	2	1.4	3.36	349	2.08	2	0.87
K1143_HUMAN	17.5	5.8	1	38.1 (M:38.1)	1	7.1	2.35	578	2.91	1	
K1C10_HUMAN	58.8	5.0	12	399.2 (M:399.2)	7	11.1	1.88	32	1.56!	4	21.49
K1C14_HUMAN	51.5	4.9	3	182.8 (M:182.8)	5	13.8	6.80	89	2.29	3	36.18
K1C17_HUMAN	48.1	4.8	1	68.9 (M:68.9)	2	4.4	8.79	291	2.00	2	6.76
K1C19_HUMAN	44.1	4.9	2	147.6 (M:147.6)	3	7.8	6.82	120	2.04	3	14.94
K1C9_HUMAN	62.0	5.0	1	93.6 (M:93.6)	2	4.0	3.03	204	1.08	1	
K22E_HUMAN	65.4	8.9	1	87.8 (M:87.8)	3	3.0	5.61	226	2.23	2	38.01
K2C1_HUMAN	66.0	8.8	6	517.5 (M:517.5)	12	12.1	2.07	17	1.51!	10	12.87
K2C5_HUMAN	62.3	8.6	1	227.1 (M:227.1)	6	8.6	3.28	66	1.57	6	56.20

K2C6C_HUMAN	60.0	8.9	5	272.3 (M:272.3)	6	8.9	4.13	57	1.98!	6	39.94
K2C7_HUMAN	51.4	5.3	1	64.4 (M:64.4)	2	3.2	4.17	318	1.58	2	36.23
K6PF_HUMAN	85.1	9.2	1	33.9 (M:33.9)	1	1.0	2.57	682	1.22	1	
K6PL_HUMAN	85.0	7.9	1	59.9 (M:59.9)	1	0.9	2.95	351	1.07	1	
KAD1_HUMAN	21.6	9.4	1	98.4 (M:98.4)	2	9.8	1.88	194	1.62	2	6.52
KAIN_HUMAN	48.5	8.0	1	30.0 (M:30.0)	1	3.5	1.85	780			
KAP0_HUMAN	43.0	5.1	1	148.1 (M:148.1)	3	6.3	1.71	118	1.62	1	
KCRB_HUMAN	42.6	5.2	1	102.7 (M:102.7)	3	9.7	3.94	185	0.60	2	68.39
KHDR3_HUMAN	38.8	7.7	3	29.6 (M:29.6)	1	1.7	4.31	790	1.63	1	
KINH_HUMAN	109.6	6.1	2	160.7 (M:160.7)	4	5.1	4.37	102	1.52	4	50.40
KLC3_HUMAN	55.3	6.1	1	59.7 (M:59.7)	2	4.2	1.92	353	1.07	2	5.14
KNG1_HUMAN	71.9	6.4	4	440.5 (M:440.5)	9	9.2	1.88	26	1.01	7	26.85
KPCA_HUMAN	76.7	6.7	1	56.7 (M:56.7)	2	2.2	2.25	376	1.78	2	13.61
KPYM_HUMAN	57.9	9.0	1	192.0 (M:192.0)	5	8.9	2.95	84	1.04	4	13.96
KS6A1_HUMAN	82.7	8.4	3	30.6 (M:30.6)	1	1.0	1.86	763	0.89	1	
KTN1_HUMAN	156.2	5.4	1	75.8 (M:75.8)	2	1.3	8.25	261	2.08	2	16.70
KU70_HUMAN	69.8	6.2	1	44.6 (M:44.6)	1	1.5	4.96	481	1.85	1	
KU86_HUMAN	82.7	5.5	1	100.8 (M:100.8)	3	4.0	6.82	188	1.81	3	15.99
KV118_HUMAN	11.8	9.6	11	58.4 (M:58.4)	2	30.6	3.51	365	1.10!	1	
KV303_HUMAN	10.7	7.1	1	30.5 (M:30.5)	1	9.0	5.35	768	0.88	1	
KV305_HUMAN	11.7	9.5	4	35.8 (M:35.8)	1	8.3	1.05	641	1.42	1	
KV402_HUMAN	12.6	9.0	1	71.7 (M:71.7)	1	15.8	6.31	280			
LA_HUMAN	46.8	6.8	1	55.6 (M:55.6)	2	4.7	1.68	382	1.01	2	76.61
LAC_HUMAN	11.2	7.6	1	111.3 (M:111.3)	3	30.5	2.01	166	1.29	3	8.69
LAD1_HUMAN	57.1	10.2	1	158.4 (M:158.4)	3	6.4	2.63	105	1.64	2	2.57
LAMA4_HUMAN	202.4	5.9	1	31.4 (M:31.4)	1	0.8	3.77	743	1.30	1	
LAMB1_HUMAN	197.9	4.7	1	77.5 (M:77.5)	2	0.7	6.90	254	2.01	2	20.20
LAMC1_HUMAN	177.5	4.9	1	26.4 (M:26.4)	1	0.5	3.61	885	1.83	1	
LAP2B_HUMAN	50.6	9.8	2	30.1 (M:30.1)	1	2.6	0.96	778	0.50	1	
LCAT_HUMAN	49.5	5.7	1	49.5 (M:49.5)	1	3.2	2.90	427	1.63	1	
LCN1_HUMAN	19.2	5.3	1	26.3 (M:26.3)	1	6.2	3.17	888	1.60	1	
LDHA_HUMAN	36.7	9.3	1	39.6 (M:39.6)	1	2.7	2.56	545	1.60	1	
LEG1_HUMAN	14.7	5.2	1	109.2 (M:109.2)	3	23.7	3.60	174	2.01	2	38.52
LEG3_HUMAN	26.1	9.1	1	36.0 (M:36.0)	1	6.0	0.19	634			
LEG8_HUMAN	35.7	9.2	1	37.4 (M:37.4)	1	3.2	3.17	601	2.17	1	
LEG9_HUMAN	39.5	10.2	1	58.0 (M:58.0)	1	3.9	5.01	368	2.79	1	
LEO1_HUMAN	75.4	4.2	1	39.8 (M:39.8)	1	1.2	3.42	544	2.76	1	
LETM1_HUMAN	83.3	6.3	1	28.8 (M:28.8)	1	1.6	3.32	814	1.81	1	

LIMA1_HUMAN	85.2	6.4	1	125.6 (M:125.6)	2	2.8	2.20	145	2.77	2	20.21
LIRA3_HUMAN	47.4	9.3	3	47.2 (M:47.2)	1	2.7	422.30	447	1.63	1	
LIRB2_HUMAN	65.1	6.9	1	32.6 (M:32.6)	1	2.0	6.35	715	1.82	1	
LMNA_HUMAN	74.1	6.6	2	103.8 (M:103.8)	3	3.5	5.75	182	2.04	3	8.23
LMNB2_HUMAN	67.6	5.2	1	74.8 (M:74.8)	2	3.0	5.88	267	1.72	2	13.93
LMOD1_HUMAN	67.0	9.9	1	35.6 (M:35.6)	1	1.3	0.13	649	0.63	1	
LPAR1_HUMAN	41.1	9.9	1	26.0 (M:26.0)	1	3.6	1.22	897	1.75	1	
LRRF1_HUMAN	89.2	4.4	2	170.5 (M:170.5)	4	5.0	4.38	96	1.45	4	18.87
LRRF2_HUMAN	82.1	6.5	1	30.8 (M:30.8)	1	1.2	2.62	759	0.88	1	
LUM_HUMAN	38.4	6.2	1	279.4 (M:279.4)	8	21.3	6.20	54	1.50!	5	23.49
LV001_HUMAN	12.4	7.5	1	35.7 (M:35.7)	1	7.7	0.61	646	1.28	1	
LV106_HUMAN	11.7	6.9	3	116.1 (M:116.1)	2	27.5	2.50	158	1.29	1	
LV302_HUMAN	11.9	4.8	1	29.5 (M:29.5)	1	14.4	0.16	796	1.16	1	
LXN_HUMAN	25.7	5.5	1	31.7 (M:31.7)	1	8.1	4.98	737			
LYVE1_HUMAN	35.2	9.5	1	33.0 (M:33.0)	1	2.8	2.93	705			
LZTL1_HUMAN	34.6	5.2	1	29.3 (M:29.3)	1	2.3	1.83	800	0.98	1	
MA1A1_HUMAN	72.9	6.0	1	36.2 (M:36.2)	1	1.1	4.07	628	2.36	1	
MA7D1_HUMAN	92.8	10.8	1	89.2 (M:89.2)	2	2.5	4.25	221	1.56	2	8.94
MACF1_HUMAN	620.0	5.1	2	171.3 (M:171.3)	5	1.0	156.00	95	1.01	4	87.62
MAK3_HUMAN	39.3	5.3	1	35.4 (M:35.4)	1	2.2	0.80	655	1.79	1	
MAP1B_HUMAN	270.5	4.6	1	110.8 (M:110.8)	2	1.1	3.58	167	1.63	2	10.14
MARCS_HUMAN	31.5	4.3	1	138.3 (M:138.3)	3	13.0	3.48	128	1.41!	2	50.77
MAT2B_HUMAN	37.5	7.1	1	52.8 (M:52.8)	1	3.6	2.44	401	1.42	1	
MATN2_HUMAN	106.8	5.8	1	57.4 (M:57.4)	1	1.2	4.38	374	2.50	1	
MBL2_HUMAN	26.1	5.3	1	38.5 (M:38.5)	1	5.2	1.53	569	0.93	1	
MCM2_HUMAN	101.8	5.2	1	45.2 (M:45.2)	1	2.2	5.86	470	0.83	1	
MCM4_HUMAN	96.5	6.3	1	27.5 (M:27.5)	1	0.9	7.01	858	2.32	1	
MCM6_HUMAN	92.8	5.2	1	42.5 (M:42.5)	1	1.5	6.04	510	2.10	1	
MCM7_HUMAN	81.3	6.1	1	25.1 (M:25.1)	1	1.8	2.55	932	1.58	1	
MDHC_HUMAN	36.4	7.7	1	27.5 (M:27.5)	1	3.9	5.00	856	0.88	1	
MFAP1_HUMAN	51.9	4.8	2	27.0 (M:27.0)	1	1.6	3.47	873	2.21	1	
MFGM_HUMAN	43.1	9.5	1	29.6 (M:29.6)	1	3.4	1.99	793	1.70	1	
MICA1_HUMAN	117.8	6.0	1	65.3 (M:65.3)	2	1.6	2.84	312	1.46	2	8.83
MIF_HUMAN	12.5	9.1	1	100.3 (M:100.3)	2	9.6	1.96	189			
MILK1_HUMAN	93.4	7.0	1	31.4 (M:31.4)	1	0.8	5.08	741	1.20	1	
ML12B_HUMAN	19.8	4.5	3	27.9 (M:27.9)	1	3.5	3.42	844	1.49	1	
MMP14_HUMAN	65.8	8.5	1	39.8 (M:39.8)	1	1.4	8.01	543	2.49	1	
MMP2_HUMAN	73.8	5.1	1	64.3 (M:64.3)	1	1.8	5.77	320	3.84	1	

MMP8_HUMAN	53.4	6.4	1	28.9 (M:28.9)	1	2.4	2.95	812		
MOXD1_HUMAN	69.6	6.0	1	25.7 (M:25.7)	1	1.6	5.46	906	1.91	1
MPPA_HUMAN	58.2	6.5	1	30.4 (M:30.4)	1	1.9	2.73	773	0.91	1
MRC2_HUMAN	166.5	5.5	1	28.4 (M:28.4)	1	0.6	5.38	826	3.62	1
MRP_HUMAN	19.5	4.5	1	44.1 (M:44.1)	1	7.7	5.28	490	1.51	1
MTA2_HUMAN	75.0	10.4	1	49.5 (M:49.5)	1	1.3	2.34	428	2.19	1
MTPN_HUMAN	12.9	5.2	1	51.7 (M:51.7)	1	7.6	3.65	406	1.26	1
MTUS1_HUMAN	141.3	7.9	1	26.3 (M:26.3)	1	0.6	1022.63	890	0.61	1
MUCB_HUMAN	43.0	5.0	1	110.5 (M:110.5)	3	5.9	4.16	169	1.32	3
MVP_HUMAN	99.3	5.2	1	27.7 (M:27.7)	1	1.9	5.68	849		5.28
MX1_HUMAN	75.5	5.5	1	30.9 (M:30.9)	1	1.1	3.41	758	1.42	1
MXRA5_HUMAN	312.1	9.3	1	160.8 (M:160.8)	4	0.7	5.55	100	3.24!	3
MYH11_HUMAN	227.2	5.3	1	142.3 (M:142.3)	3	1.9	1.66	126	1.08!	2
MYH9_HUMAN	226.4	5.4	1	178.9 (M:178.9)	5	2.8	4.50	92	2.09!	4
MYL6_HUMAN	16.9	4.4	1	28.0 (M:28.0)	1	4.6	0.54	837	1.46	1
MYO1B_HUMAN	131.9	10.0	1	75.8 (M:75.8)	2	1.6	6.11	262	1.67	2
NAGK_HUMAN	37.4	5.8	1	41.4 (M:41.4)	1	3.2	1.92	525	1.04	1
NAMPT_HUMAN	55.5	6.8	1	44.9 (M:44.9)	1	2.2	1.87	475	1.38	1
NARG1_HUMAN	101.2	7.8	1	35.4 (M:35.4)	1	1.0	5.02	656	1.06	1
NASP_HUMAN	85.2	4.1	3	107.3 (M:107.3)	3	3.7	4.44	178	1.61	3
NCALD_HUMAN	22.2	5.1	3	28.0 (M:28.0)	1	5.2	6.23	841	0.95	1
NCAM1_HUMAN	94.5	4.6	1	50.4 (M:50.4)	1	1.4	5.15	416	0.99	1
NCBP1_HUMAN	91.8	6.0	1	61.9 (M:61.9)	2	3.8	3.59	335	1.57	2
NCF4_HUMAN	39.0	6.5	1	26.0 (M:26.0)	1	2.4	7.28	896	1.78	1
NDE1_HUMAN	38.8	5.1	1	28.0 (M:28.0)	1	2.6	3.43	842	2.42	1
NDRG1_HUMAN	42.8	5.4	1	57.6 (M:57.6)	1	4.1	2.19	372	3.14	1
NFM_HUMAN	102.4	4.7	1	60.4 (M:60.4)	2	1.6	2.07	347	1.66	2
NGAL_HUMAN	22.6	9.6	1	87.3 (M:87.3)	2	11.1	4.89	229	1.27!	1
NH2L1_HUMAN	14.2	9.7	1	43.6 (M:43.6)	1	6.2	4.09	494	1.20	1
NHEJ1_HUMAN	33.3	5.6	2	28.3 (M:28.3)	1	1.7	3.28	828	0.84	1
NHRF1_HUMAN	38.8	5.5	1	36.2 (M:36.2)	1	5.0	457.15	630	0.83	1
NID1_HUMAN	136.3	5.0	1	42.2 (M:42.2)	1	0.9	3.63	515	1.81	1
NID2_HUMAN	151.2	5.0	1	135.6 (M:135.6)	3	2.6	3.98	131	2.25	3
NOC2L_HUMAN	84.9	5.3	1	50.9 (M:50.9)	1	1.3	3.56	412	2.47	1
NOP56_HUMAN	66.0	9.8	1	50.3 (M:50.3)	1	2.2	2.98	421	1.79	1
NP1L1_HUMAN	45.3	4.2	1	25.7 (M:25.7)	1	1.5	3.13	905	1.85	1
NP1L4_HUMAN	42.8	4.4	1	60.7 (M:60.7)	1	2.9	7.92	345	1.53	1
NPC1_HUMAN	142.1	5.0	1	32.1 (M:32.1)	1	0.8	4.56	728	4.46	1

5.28

32.89

9.98

33.11

23.70

46.03

5.77

67.38

40.74

NRDC_HUMAN	131.5	4.8	1	25.6 (M:25.6)	1	0.7	4.06	910	1.05	1	
NRP1_HUMAN	103.1	5.5	1	48.3 (M:48.3)	1	1.4	5.95	433	2.15!	1	
NRP2_HUMAN	104.8	4.9	1	66.7 (M:66.7)	2	3.0	4.40	304	3.82	1	
NSF1C_HUMAN	40.5	4.9	1	107.8 (M:107.8)	2	5.9	3.98	177	1.21	2	6.69
NUCB1_HUMAN	53.8	5.0	1	29.8 (M:29.8)	1	1.5	5.52	784	2.18	1	
NUCB2_HUMAN	50.2	4.9	1	34.3 (M:34.3)	1	1.7	3.59	675	1.12	1	
NUCKS_HUMAN	27.3	4.8	1	25.4 (M:25.4)	1	3.7	7.39	912	1.38	1	
NUCL_HUMAN	76.6	4.4	1	125.8 (M:125.8)	3	4.1	4.37	143	2.14	3	11.08
NUDC_HUMAN	38.2	5.1	1	33.8 (M:33.8)	1	2.7	8.50	685	1.08	1	
NUDT5_HUMAN	24.3	4.7	1	35.1 (M:35.1)	1	4.1	3.54	658	1.77	1	
NUMA1_HUMAN	238.1	5.5	2	325.0 (M:325.0)	9	4.0	2.73	45	1.64	8	41.42
NUP50_HUMAN	50.1	6.8	1	46.0 (M:46.0)	1	1.7	8.00	461	2.55	1	
ODO1_HUMAN	115.9	6.4	1	26.8 (M:26.8)	1	1.6	3.01	877	2.03	1	
ODP2_HUMAN	69.0	8.9	1	25.2 (M:25.2)	1	2.6	3.20	925	1.16	1	
ODPB_HUMAN	39.2	6.2	1	46.1 (M:46.1)	1	4.5	4.85	460			
ODPX_HUMAN	54.1	9.5	1	31.2 (M:31.2)	1	2.0	1.56	750	0.82	1	
OLA1_HUMAN	44.7	8.6	1	34.9 (M:34.9)	1	2.3	4.10	663	1.82	1	
OLM2B_HUMAN	83.9	4.9	1	44.2 (M:44.2)	1	1.1	7.90	488	2.80	1	
OPA1_HUMAN	111.6	8.6	1	32.0 (M:32.0)	1	0.8	6.76	730	1.61	1	
ORN_HUMAN	26.8	6.5	1	35.6 (M:35.6)	1	4.2	5.54	651	1.41	1	
P4HA2_HUMAN	60.9	5.4	1	42.5 (M:42.5)	1	2.2	5.86	511	3.09	1	
P5CS_HUMAN	87.2	6.7	1	32.8 (M:32.8)	1	1.0	3.06	708	1.33	1	
PA1B3_HUMAN	25.7	6.4	1	35.9 (M:35.9)	1	9.1	4.80	637			
PA2G4_HUMAN	43.8	6.1	1	34.9 (M:34.9)	1	2.8	3.82	665	2.79!	1	
PABP1_HUMAN	70.6	10.0	4	87.3 (M:87.3)	3	5.3	2.46	230	1.25	3	14.44
PABP2_HUMAN	32.7	4.9	1	31.4 (M:31.4)	1	2.6	3.58	744	1.99	1	
PABP4_HUMAN	70.7	9.9	1	35.7 (M:35.7)	1	1.7	4.82	645	2.19	1	
PAF1_HUMAN	59.9	4.4	1	30.8 (M:30.8)	1	1.5	1.89	760	3.95	1	
PAIRB_HUMAN	44.9	9.3	1	35.0 (M:35.0)	1	2.0	4.38	659	1.03	1	
PAK1_HUMAN	60.6	5.5	1	28.3 (M:28.3)	1	1.7	2.44	829	1.33	1	
PALM_HUMAN	42.1	4.8	1	38.1 (M:38.1)	1	2.1	3.90	580	0.42	1	
PARP1_HUMAN	113.0	9.6	1	35.3 (M:35.3)	1	1.3	2.51	657	1.74	1	
PDC6I_HUMAN	96.0	6.1	1	57.8 (M:57.8)	2	2.0	1.84	370	0.97	2	0.44
PDCD4_HUMAN	51.7	4.9	1	38.3 (M:38.3)	1	2.3	2.66	574	0.77	1	
PDIA1_HUMAN	57.1	4.6	1	119.4 (M:119.4)	2	4.7	2.40	153	1.12	1	
PDIA3_HUMAN	56.7	5.9	2	62.7 (M:62.7)	2	2.8	2.97	331	2.24	2	36.69
PDIA4_HUMAN	72.9	4.8	1	55.2 (M:55.2)	1	1.9	0.45	385	1.94	1	
PDIA6_HUMAN	48.1	4.8	1	33.0 (M:33.0)	1	2.5	0.85	702	1.34	1	

PDLI5_HUMAN	64.0	9.6	1	34.2 (M:34.2)	1	1.3	2.44	677	1.53	1	
PDPN_HUMAN	16.7	4.2	1	46.9 (M:46.9)	1	6.8	5.87	450	6.19	1	
PDS5B_HUMAN	164.6	9.4	1	72.4 (M:72.4)	2	1.3	6.51	277	1.35	2	2.91
PECA1_HUMAN	82.5	6.6	1	53.6 (M:53.6)	1	1.8	3.54	397	1.09	1	
PEDF_HUMAN	46.3	6.0	1	120.0 (M:120.0)	2	5.3	1.83	152	1.54	2	43.62
PEPL_HUMAN	204.6	5.3	1	94.9 (M:94.9)	3	1.7	1.91	200	0.88	3	30.16
PERI_HUMAN	53.6	5.3	1	55.5 (M:55.5)	2	3.0	3.23	384	2.46	2	37.32
PFD1_HUMAN	14.2	6.4	1	92.0 (M:92.0)	2	13.1	4.26	211	1.02	2	18.58
PFD2_HUMAN	16.6	6.2	1	29.7 (M:29.7)	1	3.9	1.69	788	1.54	1	
PGCA_HUMAN	250.0	4.0	1	29.1 (M:29.1)	1	0.3	0.99	805	2.44	1	
PGDH_HUMAN	29.0	5.5	1	63.3 (M:63.3)	1	4.9	3.12	327	1.08	1	
PGFRB_HUMAN	123.9	4.7	1	87.3 (M:87.3)	2	1.6	4.08	228	2.73	2	10.17
PGK1_HUMAN	44.6	9.2	1	49.2 (M:49.2)	1	4.3	3.22	430			
PGM2_HUMAN	68.2	6.3	1	94.2 (M:94.2)	2	3.4	2.28	202	1.02	2	8.00
PGM2L_HUMAN	70.4	7.0	1	51.5 (M:51.5)	1	1.8	7.05	408	1.59	1	
PGM5_HUMAN	62.2	7.0	1	39.3 (M:39.3)	1	1.6	5.77	554	0.91	1	
PI16_HUMAN	49.4	5.1	1	39.2 (M:39.2)	1	2.2	6.56	559	1.45	1	
PIP_HUMAN	16.6	9.3	1	30.2 (M:30.2)	1	11.0	1.04	777			
PKP3_HUMAN	87.0	10.0	1	29.0 (M:29.0)	1	1.1	7.53	807	1.61	1	
PLAK_HUMAN	81.7	5.7	1	28.0 (M:28.0)	1	1.9	5.22	839	0.88	1	
PLCB3_HUMAN	138.7	5.6	1	33.6 (M:33.6)	1	0.8	5.49	689	2.10	1	
PLEC1_HUMAN	531.5	5.7	2	708.9 (M:708.9)	17	3.2	3.82	9	2.35	17	30.64
PLIN3_HUMAN	47.0	5.2	1	115.6 (M:115.6)	3	6.9	2.35	159	2.39!	1	
PLSL_HUMAN	70.2	5.1	1	152.0 (M:152.0)	3	3.3	3.33	111	2.32	3	61.35
PLST_HUMAN	70.8	5.3	1	39.2 (M:39.2)	1	1.4	6.66	558	1.93	1	
PNCB_HUMAN	57.5	5.4	1	44.9 (M:44.9)	1	1.3	2.18	474	1.16	1	
PODXL_HUMAN	58.6	5.2	1	25.8 (M:25.8)	1	1.4	8.22	901	2.21	1	
PON3_HUMAN	39.6	5.1	1	27.0 (M:27.0)	1	2.5	2.19	872	1.17	1	
POSTN_HUMAN	93.3	7.8	1	32.6 (M:32.6)	1	0.7	3.74	714	3.75	1	
PP12C_HUMAN	84.8	5.3	1	56.4 (M:56.4)	1	1.2	4.19	378	0.99	1	
PP1B_HUMAN	37.2	5.8	2	50.4 (M:50.4)	1	3.1	0.10	419	1.42	1	
PPIA_HUMAN	18.0	9.0	1	120.3 (M:120.3)	2	5.5	2.01	150	1.05	2	0.17
PPM1G_HUMAN	59.2	4.1	1	28.5 (M:28.5)	1	2.9	8.58	820	1.21	1	
PRDX2_HUMAN	21.9	5.6	1	30.4 (M:30.4)	1	4.0	4.55	771			
PRDX6_HUMAN	25.0	6.0	1	41.8 (M:41.8)	1	4.9	2.74	521	1.09	1	
PRELP_HUMAN	43.8	10.2	1	28.2 (M:28.2)	1	3.4	2.45	831	0.67	1	
PRG4_HUMAN	151.0	10.2	1	63.1 (M:63.1)	2	1.0	2.40	328	0.93	2	6.84
PRKDC_HUMAN	468.8	6.8	1	69.9 (M:69.9)	2	0.4	1.73	287	2.64	2	6.49

PROF1_HUMAN	15.0	9.4	1	105.1 (M:105.1)	2	10.0	3.66	180	1.44!	1	
PROS_HUMAN	75.1	5.4	1	31.7 (M:31.7)	1	2.2	5.30	736			
PRPS2_HUMAN	34.7	6.2	3	39.6 (M:39.6)	1	5.3	9.62	547	0.64	1	
PRS7_HUMAN	48.6	5.6	1	36.2 (M:36.2)	1	1.4	6.94	629	1.28	1	
PRS8_HUMAN	45.6	7.8	1	157.4 (M:157.4)	3	11.1	2.56	106	1.50!	1	
PRTN3_HUMAN	27.8	10.3	1	65.1 (M:65.1)	1	4.7	4.58	313	3.02	1	
PSA_HUMAN	103.2	5.4	2	77.5 (M:77.5)	2	2.0	3.45	255	0.85	2	5.74
PSA1_HUMAN	29.5	6.2	1	82.8 (M:82.8)	2	7.6	3.91	239	1.53	2	9.07
PSA5_HUMAN	26.4	4.6	1	36.4 (M:36.4)	1	5.0	5.15	624			
PSA6_HUMAN	27.4	6.4	1	40.3 (M:40.3)	1	5.3	2.25	536	2.80	1	
PSB10_HUMAN	28.9	9.0	1	64.4 (M:64.4)	1	3.7	0.29	319	2.30	1	
PSB2_HUMAN	22.8	6.6	1	82.4 (M:82.4)	2	5.0	3.86	240	2.35	2	10.30
PSB7_HUMAN	29.9	8.8	1	29.4 (M:29.4)	1	4.0	0.35	797	1.45	1	
PSD13_HUMAN	42.9	5.5	1	36.5 (M:36.5)	1	2.7	1.07	623	1.42	1	
PSMD1_HUMAN	105.8	5.1	1	53.4 (M:53.4)	2	0.8	4.84	398	1.15	2	12.24
PSMD2_HUMAN	100.1	4.9	1	42.9 (M:42.9)	1	1.0	2.28	503	1.51	1	
PSMD3_HUMAN	60.9	9.0	1	63.6 (M:63.6)	1	3.0	2.51	324	1.41	1	
PSMD6_HUMAN	45.5	5.3	1	36.8 (M:36.8)	1	1.8	3.29	614	1.51	1	
PSME2_HUMAN	27.3	5.3	1	42.4 (M:42.4)	1	3.8	2.83	513	1.52	1	
PTBP1_HUMAN	57.2	9.8	3	27.4 (M:27.4)	1	1.1	5.24	862	1.88	1	
PTGES_HUMAN	17.1	10.4	1	25.4 (M:25.4)	1	4.6	0.18	919	1.16	1	
PTN6_HUMAN	67.5	8.5	1	26.9 (M:26.9)	1	2.5	0.14	874	1.59	1	
PTPRF_HUMAN	212.7	5.9	1	139.0 (M:139.0)	3	2.5	3.14	127	1.35	2	19.81
PTPRZ_HUMAN	254.4	4.6	1	30.1 (M:30.1)	1	0.7	6.56	779			
PTRF_HUMAN	43.4	5.4	1	30.4 (M:30.4)	1	4.4	1.27	772			
PUR8_HUMAN	54.9	6.8	1	37.8 (M:37.8)	1	1.7	4.85	586	1.57	1	
PUR9_HUMAN	64.6	6.3	1	66.5 (M:66.5)	2	3.7	2.97	307	1.13	2	9.53
PVRL1_HUMAN	57.1	5.7	1	78.7 (M:78.7)	2	5.4	314.97	250	1.30	2	42.93
PVRL2_HUMAN	57.7	4.6	1	56.1 (M:56.1)	2	2.8	4.09	379	2.66	2	19.81
PVRL4_HUMAN	55.4	5.1	1	49.0 (M:49.0)	1	2.4	4.60	431	3.83	1	
PWP2_HUMAN	102.4	5.7	1	46.6 (M:46.6)	1	0.9	7.44	455	2.76	1	
PYGB_HUMAN	96.6	6.4	1	39.8 (M:39.8)	1	1.1	2.35	541	0.76	1	
RA1L3_HUMAN	34.2	9.8	3	33.5 (M:33.5)	1	3.1	6.01	692	1.24	1	
RAB10_HUMAN	22.5	9.4	1	61.2 (M:61.2)	1	6.0	0.31	342	1.15	1	
RAB14_HUMAN	23.9	5.8	1	55.6 (M:55.6)	1	3.7	3.47	383	1.58	1	
RAB23_HUMAN	26.6	6.2	1	86.0 (M:86.0)	2	8.4	3.19	231	1.44	2	32.90
RAB25_HUMAN	23.5	5.7	1	42.5 (M:42.5)	1	3.8	0.97	509	1.12	1	
RAB5B_HUMAN	23.7	9.2	1	41.6 (M:41.6)	1	8.8	2.69	524			

RAB6B_HUMAN	23.4	5.3	3	30.6 (M:30.6)	1	2.9	0.05	765	1.51	1	
RABE2_HUMAN	63.5	4.6	1	61.0 (M:61.0)	2	3.5	2.87	344	1.77	1	
RABL3_HUMAN	26.4	6.7	1	27.9 (M:27.9)	1	3.0	6.95	846	1.07	1	
RAC2_HUMAN	21.4	8.9	2	36.8 (M:36.8)	1	4.2	1.72	615	2.22	1	
RAD_HUMAN	33.2	9.8	1	29.5 (M:29.5)	1	2.6	0.91	795	0.56	1	
RAD50_HUMAN	153.8	6.5	1	27.6 (M:27.6)	1	0.8	4.93	853	2.85	1	
RAGP1_HUMAN	63.5	4.5	1	50.3 (M:50.3)	1	2.4	3.67	420			
RAI14_HUMAN	110.0	5.8	1	51.3 (M:51.3)	1	0.9	7.44	409	2.15	1	
RALB_HUMAN	23.4	6.3	2	27.4 (M:27.4)	1	5.3	6.26	865	1.53	1	
RANB3_HUMAN	60.2	4.6	1	143.1 (M:143.1)	4	9.7	5.31	124	1.56	3	29.94
RAP1A_HUMAN	21.0	7.2	3	133.2 (M:133.2)	3	18.5	3.21	133	1.24	3	16.35
RAVR1_HUMAN	63.8	9.7	1	38.9 (M:38.9)	1	2.1	2.59	562	1.53	1	
RBCC1_HUMAN	183.0	5.2	1	67.2 (M:67.2)	2	0.8	4.24	301	1.48	2	54.24
RBX1_HUMAN	12.3	6.6	1	53.6 (M:53.6)	1	16.7	3.40	396	0.90	1	
RCN1_HUMAN	38.9	4.7	1	54.4 (M:54.4)	1	3.3	1.33	389	2.21	1	
RCN3_HUMAN	37.5	4.6	1	94.2 (M:94.2)	2	3.7	2.84	201	3.03	2	51.12
RENT1_HUMAN	124.3	6.2	1	31.8 (M:31.8)	1	0.6	5.07	732	1.95	1	
RFA1_HUMAN	68.1	7.6	1	72.3 (M:72.3)	2	3.6	421.82	278	1.29	2	3.89
RINI_HUMAN	49.9	4.6	1	73.7 (M:73.7)	1	3.3	1.92	272	1.22!	1	
RIR2B_HUMAN	40.7	4.7	1	26.9 (M:26.9)	1	3.1	7.75	875	1.42	1	
RL13_HUMAN	24.2	12.2	1	110.3 (M:110.3)	2	8.1	4.59	170	1.45	2	7.08
RL13A_HUMAN	23.6	11.5	1	35.7 (M:35.7)	1	3.4	2.35	647	1.92	1	
RL22_HUMAN	14.8	9.7	1	61.4 (M:61.4)	1	10.2	0.20	336			
RL3_HUMAN	46.1	10.8	1	36.4 (M:36.4)	1	3.0	6.07	625	0.96	1	
RL35A_HUMAN	12.5	11.7	1	28.7 (M:28.7)	1	8.2	3.94	817	1.49	1	
RL7_HUMAN	29.2	11.1	1	46.2 (M:46.2)	1	2.8	5.24	459	1.73	1	
RLA0_HUMAN	34.3	5.6	2	53.9 (M:53.9)	2	4.4	6.81	395	1.47	2	1.79
RLA1_HUMAN	11.5	4.0	1	38.4 (M:38.4)	1	14.0	1.56	573			
RN213_HUMAN	373.7	6.5	1	28.3 (M:28.3)	1	0.4	2.71	827	1.89	1	
rndA2GL_HUMAN	38.2	6.5	1	28.2 (M:28.2)	1	2.3	2.26	833	1.64	1	
rndAGA10_HUMAN	72.7	6.5	1	37.5 (M:37.5)	1	1.1	1.21	595	1.01	1	
rndAKAP9_HUMAN	453.4	4.8	1	59.2 (M:59.2)	2	0.3	4.58	356	1.56	2	26.44
rndAP3M1_HUMAN	46.9	6.5	1	33.7 (M:33.7)	1	1.9	6.05	687	1.65	1	
rndCA168_HUMAN	82.0	9.3	1	27.5 (M:27.5)	1	0.8	1.29	859	0.77	1	
rndCASQ2_HUMAN	46.4	4.1	1	29.2 (M:29.2)	1	1.3	3.73	801	0.98	1	
rndCB016_HUMAN	224.2	10.8	6	97.8 (M:97.8)	3	0.4	3.70	198	1.03	2	10.93
rndCD031_HUMAN	64.6	9.7	1	26.8 (M:26.8)	1	1.1	4.95	880	2.10	1	
rndCDC23_HUMAN	68.8	6.6	1	32.6 (M:32.6)	1	0.8	8.99	712			

rndCHST2_HUMA	57.8	10.8	1	25.0 (M:25.0)	1	1.1	5.72	935	1.28	1	
rndCP2S1_HUMA	55.8	9.5	1	54.8 (M:54.8)	2	2.6	2.23	387	1.62	2	1.76
rndDDX42_HUMA	102.9	6.6	1	43.6 (M:43.6)	1	0.7	2.45	495	8.51	1	
rndF16P1_HUMA	36.8	6.7	1	25.2 (M:25.2)	1	3.8	594.52	928			
rndICAM1_HUMA	57.8	9.4	1	27.9 (M:27.9)	1	1.1	0.37	845			
rndIRPL1_HUMA	79.9	5.8	1	31.4 (M:31.4)	1	0.9	0.28	745	1.22	1	
rndLRRC7_HUMA	172.5	6.4	1	27.5 (M:27.5)	1	0.5	2.05	857	0.79	1	
rndMD1L1_HUMA	83.0	5.6	1	29.9 (M:29.9)	1	1.0	1089.55	782			
rndMKL1_HUMA	98.9	5.5	1	27.2 (M:27.2)	1	0.6	7.41	867	10.40	1	
rndMKS3_HUMA	111.7	6.4	1	25.3 (M:25.3)	1	0.8	9.49	924	1.32	1	
rndNEXN_HUMA	80.6	5.2	1	34.6 (M:34.6)	1	1.0	3.14	670	2.96	1	
rndNOL8_HUMA	131.5	6.7	1	26.7 (M:26.7)	1	0.5	1.47	882	1.42	1	
rndPCOC2_HUMA	45.7	9.8	4	25.4 (M:25.4)	1	1.2	2.41	915	0.75	1	
rndPLCB1_HUMA	138.5	5.8	1	25.4 (M:25.4)	1	0.7	1.79	918	1.09	1	
rndRAB35_HUMA	23.0	9.4	1	32.5 (M:32.5)	1	4.5	1.79	716	1.89	1	
rndTDRD6_HUMA	236.4	5.0	1	37.6 (M:37.6)	1	0.3	7.73	591	3.28	1	
rndTHOC2_HUMA	182.7	9.4	1	25.3 (M:25.3)	1	0.5	907.92	923	1.04	1	
rndTNNT1_HUMA	32.9	5.8	3	42.6 (M:42.6)	1	1.8	1.00	508			
rndTRI72_HUMA	52.7	6.0	1	32.4 (M:32.4)	1	1.3	1.24	717	1.19	1	
rndVPK3_HUMA	17.1	8.9	2	25.3 (M:25.3)	1	3.2	4.43	922	1.82	1	
rndYETS4_HUMA	26.5	9.1	1	39.8 (M:39.8)	1	5.3	2.49	540	0.86	1	
RO60_HUMAN	60.6	9.2	1	34.3 (M:34.3)	1	2.6	1.90	676			
ROA3_HUMAN	39.6	9.6	1	44.5 (M:44.5)	1	2.6	2.17	483	1.33	1	
ROAA_HUMAN	36.2	8.8	1	58.5 (M:58.5)	2	3.9	3.72	361	1.65	2	18.90
ROCK2_HUMAN	160.8	5.7	1	77.2 (M:77.2)	2	1.4	2.40	259	1.32	2	0.51
RPAB3_HUMAN	17.1	4.3	1	77.4 (M:77.4)	2	13.3	4.00	256	2.19	2	33.69
RPB2_HUMAN	133.8	6.5	1	31.3 (M:31.3)	1	1.4	1.36	747			
RRAGC_HUMAN	44.2	4.8	1	47.6 (M:47.6)	1	2.5	0.84	441	1.92	1	
RRAS_HUMAN	23.5	6.5	1	31.0 (M:31.0)	1	7.3	1.00	755	0.97	1	
RRBP1_HUMAN	152.4	9.3	1	206.6 (M:206.6)	5	4.2	3.36	80	2.54	3	68.94
RS11_HUMAN	18.4	11.0	1	36.9 (M:36.9)	1	6.3	1.57	611	1.42	1	
RS14_HUMAN	16.3	10.9	1	42.7 (M:42.7)	1	11.9	0.86	507			
RS15A_HUMAN	14.8	10.9	1	29.1 (M:29.1)	1	6.2	4.09	803	1.98	1	
RS21_HUMAN	9.1	9.7	1	100.0 (M:100.0)	2	12.0	2.67	191	1.36	1	
RS3_HUMAN	26.7	10.3	1	67.4 (M:67.4)	1	5.3	3.89	299	1.88	1	
RS6_HUMAN	28.7	11.5	1	52.0 (M:52.0)	1	3.2	2.87	405			
RS7_HUMAN	22.1	10.6	1	32.3 (M:32.3)	1	4.1	3.69	722	1.48	1	
RS8_HUMAN	24.2	11.0	1	34.1 (M:34.1)	1	5.3	3.56	679	1.69	1	

RSSA_HUMAN	32.8	4.6	1	82.2 (M:82.2)	2	7.1	3.99	241	1.77	2	66.66
RSU1_HUMAN	31.5	9.1	1	37.8 (M:37.8)	1	3.6	0.47	585	1.34	1	
RTC1_HUMAN	39.3	9.1	1	25.4 (M:25.4)	1	2.7	0.53	914			
RU17_HUMAN	51.5	10.3	1	66.9 (M:66.9)	1	4.6	448.94	303	3.12	1	
S10A1_HUMAN	10.5	4.2	1	39.3 (M:39.3)	1	7.4	6.84	553	4.07	1	
S10A2_HUMAN	11.1	4.5	1	153.2 (M:153.2)	4	8.2	3.29	109	1.37	4	21.72
S10A4_HUMAN	11.7	5.8	1	42.1 (M:42.1)	1	7.9	7.27	516	1.20	1	
S10A6_HUMAN	10.2	5.2	1	224.0 (M:224.0)	6	24.4	2.14	69	1.20	3	9.16
S10A7_HUMAN	11.5	6.4	2	75.5 (M:75.5)	2	21.8	6.91	263	1.23	2	24.54
S10A8_HUMAN	10.8	6.6	1	50.5 (M:50.5)	1	7.5	8.94	415	0.71	1	
S10AD_HUMAN	11.5	5.9	1	106.6 (M:106.6)	2	19.4	3.50	179	1.66	2	0.93
S12A4_HUMAN	120.6	6.0	1	36.6 (M:36.6)	1	1.1	4.06	622			
S22AN_HUMAN	73.7	9.2	1	25.2 (M:25.2)	1	1.2	1.85	927	0.87	1	
S38A1_HUMAN	54.0	6.7	1	32.8 (M:32.8)	1	1.6	5.61	707	3.78	1	
S38AA_HUMAN	119.7	5.4	1	129.7 (M:129.7)	3	2.5	3.29	135	2.02	3	28.55
SAE1_HUMAN	38.4	5.0	1	77.2 (M:77.2)	2	5.8	5.39	258	1.36	2	14.25
SAFB1_HUMAN	102.6	5.2	2	146.2 (M:146.2)	3	2.5	3.35	122	3.30	2	3.44
SAHH2_HUMAN	58.9	6.6	1	33.2 (M:33.2)	1	1.3	5.02	696	1.68	1	
SAMD9_HUMAN	184.2	8.7	1	37.6 (M:37.6)	1	0.4	4.37	590	1.37	1	
SAMH1_HUMAN	72.2	6.8	1	67.7 (M:67.7)	2	3.4	3.14	298	1.50	2	10.84
SAMP_HUMAN	25.4	6.1	1	84.4 (M:84.4)	2	8.1	1.99	236	1.05	1	
SAP_HUMAN	58.1	4.9	1	58.1 (M:58.1)	1	2.1	8.55	367	1.77	1	
SAR1A_HUMAN	22.4	6.2	1	68.8 (M:68.8)	2	4.0	2.75	292	1.20	2	6.04
SC22B_HUMAN	24.7	9.4	1	30.3 (M:30.3)	1	8.8	5.63	774			
SCFD1_HUMAN	72.3	5.9	1	92.8 (M:92.8)	2	3.4	4.68	207	1.51	1	
SCO1_HUMAN	33.8	9.6	1	35.8 (M:35.8)	1	2.7	1.23	644	1.10	1	
SCR2B2_HUMAN	54.3	4.9	1	61.3 (M:61.3)	2	4.4	4.11	339	1.58	2	37.63
SDC1_HUMAN	32.4	4.4	1	56.1 (M:56.1)	1	5.5	1.50	380			
SEC13_HUMAN	35.5	5.1	1	31.0 (M:31.0)	1	2.5	3.88	757	2.57	1	
SEPT7_HUMAN	50.6	9.4	1	39.6 (M:39.6)	1	2.3	3.81	546	0.89	1	
SEPT8_HUMAN	55.7	5.9	7	61.9 (M:61.9)	2	3.3	2.35	334	1.54	2	31.51
SERC1_HUMAN	50.5	5.5	1	64.0 (M:64.0)	1	2.9	4.72	322			
SF01_HUMAN	68.3	9.7	1	103.2 (M:103.2)	3	5.3	2.18	184	1.84	2	15.38
SF3A1_HUMAN	88.8	5.0	1	47.6 (M:47.6)	1	1.3	7.44	443	1.65	1	
SF3B3_HUMAN	135.5	5.0	1	105.0 (M:105.0)	3	3.1	3.44	181	1.82	2	8.36
SFPQ_HUMAN	76.1	9.9	1	28.7 (M:28.7)	1	1.0	4.31	816	2.29	1	
SFRS1_HUMAN	27.7	10.8	1	37.4 (M:37.4)	1	3.6	1.58	597	3.08	1	
SFRS3_HUMAN	19.3	12.3	2	29.6 (M:29.6)	1	8.5	4.61	789	1.19	1	

SFT2B_HUMAN	17.8	10.6	1	39.0 (M:39.0)	1	6.2	2.05	561	3.14	1	
SH3L1_HUMAN	12.8	5.1	1	47.3 (M:47.3)	1	7.9	4.56	446	1.19	1	
SHPS1_HUMAN	54.8	6.3	1	72.8 (M:72.8)	1	2.2	2.03	274	1.86	1	
SIAT6_HUMAN	42.1	9.7	1	25.8 (M:25.8)	1	2.4	895.82	900			
SIGL9_HUMAN	50.1	7.1	1	38.1 (M:38.1)	1	3.9	3.69	577			
SMC3_HUMAN	141.5	6.8	1	40.8 (M:40.8)	1	0.7	5.31	532	1.82	1	
SMCE1_HUMAN	46.6	4.7	2	66.6 (M:66.6)	2	4.1	3.08	305	1.23	2	23.13
SMRC2_HUMAN	132.8	5.4	1	72.3 (M:72.3)	2	1.6	3.78	279	2.03	2	10.70
SMRD2_HUMAN	52.3	9.9	1	44.6 (M:44.6)	1	4.4	5.63	482			
SMU1_HUMAN	57.5	6.8	1	38.9 (M:38.9)	1	2.5	5.96	563	0.99	1	
SND1_HUMAN	101.9	6.8	1	38.6 (M:38.6)	1	1.0	5.93	568	2.53	1	
SNG1_HUMAN	25.4	4.3	1	28.5 (M:28.5)	1	5.2	2.13	823	1.99	1	
SNG2_HUMAN	24.8	4.6	1	58.6 (M:58.6)	1	4.5	5.68	360	3.26	1	
SNX5_HUMAN	46.8	6.3	1	34.8 (M:34.8)	1	2.0	0.69	667	1.18	1	
SNX6_HUMAN	46.6	5.8	1	37.0 (M:37.0)	1	2.0	2.66	608	1.39	1	
SODC_HUMAN	15.9	5.7	1	34.9 (M:34.9)	1	3.9	2.06	662	1.15	1	
SPB3_HUMAN	44.5	6.4	2	92.3 (M:92.3)	2	7.2	3.79	209			
SPB5_HUMAN	42.1	5.7	1	125.7 (M:125.7)	4	9.9	2.95	144	1.11	4	31.30
SPD2A_HUMAN	125.2	9.6	1	31.1 (M:31.1)	1	0.8	5.11	752	3.31	1	
SPIT1_HUMAN	58.4	5.9	1	39.4 (M:39.4)	1	1.5	3.65	550	1.81	1	
SPON1_HUMAN	90.9	5.8	1	38.8 (M:38.8)	1	1.0	0.15	564	1.16	1	
SPRL1_HUMAN	75.2	4.6	1	69.2 (M:69.2)	2	1.4	4.42	290	1.29	2	9.87
SPSY_HUMAN	41.2	4.7	1	30.5 (M:30.5)	1	2.5	1.25	767	1.53	1	
SPTA1_HUMAN	279.8	4.8	1	28.5 (M:28.5)	1	0.3	6.86	821	1.37	1	
SPTA2_HUMAN	284.4	5.1	1	254.8 (M:254.8)	7	2.4	3.38	62	1.25	7	18.97
SPTB2_HUMAN	274.4	5.3	1	154.7 (M:154.7)	4	1.5	2.80	108	1.26	4	21.55
SPTC1_HUMAN	52.7	5.7	1	48.0 (M:48.0)	1	1.7	5.92	437	2.64	1	
SRBS1_HUMAN	142.4	6.4	1	25.0 (M:25.0)	1	0.8	3.76	936	1.40	1	
SRPR_HUMAN	69.8	9.8	1	30.6 (M:30.6)	1	1.1	9.45	764	2.19	1	
SSBP_HUMAN	17.2	9.9	1	37.6 (M:37.6)	1	10.1	2.29	592	0.88	1	
STA5B_HUMAN	89.8	5.7	2	37.7 (M:37.7)	1	1.1	1.20	589	1.13	1	
STABP_HUMAN	48.0	5.9	1	39.4 (M:39.4)	1	1.7	4.53	551	1.80	1	
STAT1_HUMAN	87.3	5.7	1	63.8 (M:63.8)	2	1.6	5.89	323	1.73!	2	5.34
STIP1_HUMAN	62.6	6.4	1	75.2 (M:75.2)	2	4.6	5.13	264	1.69!	1	
STK24_HUMAN	49.3	5.4	1	36.7 (M:36.7)	1	2.0	0.72	618	0.98	1	
STOM_HUMAN	31.7	8.9	1	38.4 (M:38.4)	1	3.5	1.01	572	1.32	1	
STXB5_HUMAN	127.5	7.1	1	31.8 (M:31.8)	1	1.3	2.20	733	0.83	1	
SUCB2_HUMAN	46.5	6.1	1	54.4 (M:54.4)	1	2.8	2.64	390	0.57	1	

SUGT1_HUMAN	41.0	4.9	1	38.3 (M:38.3)	1	2.7	4.80	575	0.94	1	
SWP70_HUMAN	69.0	5.6	1	100.8 (M:100.8)	3	4.6	4.44	187	1.79	3	16.01
SYAC_HUMAN	106.7	5.2	1	71.6 (M:71.6)	2	1.8	2.66	282	1.79	2	25.47
SYEP_HUMAN	170.5	7.2	2	124.0 (M:124.0)	4	2.2	4.01	146	1.29	4	29.51
SYG_HUMAN	83.1	6.7	1	25.1 (M:25.1)	1	0.8	1.82	933	1.44	1	
SYNE2_HUMAN	795.9	5.1	1	65.9 (M:65.9)	2	0.2	2.84	309	1.10	2	21.64
SYNEM_HUMAN	172.7	5.0	1	45.4 (M:45.4)	1	0.5	3.06	467	2.13	1	
SYSM_HUMAN	58.2	9.2	1	45.0 (M:45.0)	1	3.1	2.97	472	0.98	1	
SYVC_HUMAN	140.4	8.4	1	47.8 (M:47.8)	1	0.9	7.89	439	1.51	1	
SYWC_HUMAN	53.1	5.8	1	149.5 (M:149.5)	4	7.6	5.49	114	1.99	4	35.73
T22D4_HUMAN	41.0	6.8	3	31.0 (M:31.0)	1	1.8	3.77	754	1.27	1	
TAGL_HUMAN	22.6	9.4	1	185.2 (M:185.2)	4	10.9	2.52	87	0.96	4	48.07
TAGL2_HUMAN	22.4	9.3	1	115.2 (M:115.2)	2	6.0	2.27	160	1.50	1	
TALDO_HUMAN	37.5	6.4	1	55.1 (M:55.1)	2	5.0	1.48	386	1.17	2	5.32
TB182_HUMAN	181.7	4.6	1	42.9 (M:42.9)	1	1.2	5.23	504			
TBA4A_HUMAN	49.9	4.8	4	110.3 (M:110.3)	3	3.8	5.85	171	1.94	3	26.99
TBB5_HUMAN	49.6	4.6	12	354.5 (M:354.5)	9	15.5	3.35	37	1.88	6	39.20
TCEA1_HUMAN	33.9	9.6	1	37.4 (M:37.4)	1	4.0	9.10	598			
TCO1_HUMAN	48.2	4.8	1	59.9 (M:59.9)	1	5.1	2.71	350			
TCPE_HUMAN	59.6	5.3	1	48.2 (M:48.2)	1	1.8	4.95	434	1.70	1	
TCPH_HUMAN	59.3	8.6	1	98.1 (M:98.1)	2	5.5	2.92	196	1.36	1	
TCPQ_HUMAN	59.6	5.3	1	62.8 (M:62.8)	1	1.8	4.15	330	1.66	1	
TCTP_HUMAN	19.6	4.7	1	51.1 (M:51.1)	2	4.1	3.47	410	1.13	2	29.68
TDIF1_HUMAN	37.0	9.8	1	26.9 (M:26.9)	1	2.7	1.85	876	2.58	1	
TENA_HUMAN	240.7	4.6	1	69.3 (M:69.3)	2	1.7	290.13	289			
TENX_HUMAN	464.0	5.1	1	301.9 (M:301.9)	7	1.7	2.50	48	0.98	3	20.21
TERA_HUMAN	89.3	5.0	1	89.3 (M:89.3)	2	3.1	4.09	220	1.41	2	23.34
TFR1_HUMAN	84.8	6.2	1	62.8 (M:62.8)	2	2.5	6.62	329	3.37	2	26.76
TGM3_HUMAN	76.6	5.5	1	142.8 (M:142.8)	3	7.9	0.97	125	0.40	1	
TGON2_HUMAN	51.1	5.4	1	341.0 (M:341.0)	6	11.0	4.21	41	2.29!	4	65.96
THBG_HUMAN	46.3	5.9	1	209.6 (M:209.6)	5	11.1	3.41	75	1.32	5	27.04
THIO_HUMAN	11.7	4.7	1	115.2 (M:115.2)	3	31.4	2.30	161	1.40!	2	16.42
THRB_HUMAN	70.0	5.6	1	127.7 (M:127.7)	3	2.9	2.55	136	1.37	2	2.57
TIM13_HUMAN	10.5	9.7	1	50.2 (M:50.2)	1	16.8	3.10	422	0.84	1	
TIMP2_HUMAN	24.4	8.8	1	84.0 (M:84.0)	1	6.4	5.49	237	5.56	1	
TITIN_HUMAN	3813.8	6.0	1	63.6 (M:63.6)	1	0.0	2.60	325			
TLN1_HUMAN	269.6	5.7	6	262.2 (M:262.2)	7	2.4	1.92	61	1.31	7	13.73
TM165_HUMAN	34.9	6.7	1	28.1 (M:28.1)	1	1.9	3.94	836	3.07	1	

TM50B_HUMAN	17.9	5.1	1	31.6 (M:31.6)	1	5.1	1.90	739			
TMM43_HUMAN	44.8	8.7	1	46.4 (M:46.4)	1	2.2	5.60	457	2.07	1	
TMM70_HUMAN	29.0	9.6	1	32.7 (M:32.7)	1	4.6	4.32	710	0.76	1	
TMOD3_HUMAN	39.6	4.9	1	30.2 (M:30.2)	1	4.0	6.75	776			
TNNT3_HUMAN	31.8	5.6	1	26.5 (M:26.5)	1	2.2	6.60	884	0.95	1	
TNR21_HUMAN	71.8	9.3	1	26.8 (M:26.8)	1	1.2	3.67	881	2.64	1	
TNR6_HUMAN	37.7	9.6	1	36.0 (M:36.0)	1	3.3	3.16	635	1.39	1	
TOM70_HUMAN	67.4	6.9	1	58.4 (M:58.4)	2	2.3	2.17	363	1.60	2	24.99
TPD54_HUMAN	22.2	5.1	1	197.5 (M:197.5)	4	23.3	2.46	82	1.16!	2	17.39
TPM1_HUMAN	32.7	4.5	1	488.5 (M:488.5)	10	25.7	2.14	21	0.74	8	27.88
TPM2_HUMAN	32.8	4.5	18	578.0 (M:578.0)	13	31.0	2.27	13	0.82	11	29.96
TPM3L_HUMAN	26.3	4.3	1	225.0 (M:225.0)	4	15.7	3.37	68	1.08	4	93.98
TPM4_HUMAN	28.5	4.5	2	472.5 (M:472.5)	9	32.3	3.57	23	1.39	7	33.59
TPR_HUMAN	267.1	4.8	1	176.8 (M:176.8)	5	1.9	4.96	93	1.80	5	27.13
TRFE_HUMAN	77.0	7.0	10	1551.3 (M:1551.3)	33	27.8	256.17	2	1.00!	21	19.86
TRFL_HUMAN	78.1	9.6	1	227.2 (M:227.2)	6	8.5	3.64	65	1.08!	5	36.56
TRI22_HUMAN	56.9	9.1	1	32.3 (M:32.3)	1	1.2	3.04	725	2.46	1	
TRI29_HUMAN	65.8	6.8	1	43.9 (M:43.9)	1	1.5	1.73	491	1.29	1	
TRM6_HUMAN	55.8	7.8	1	35.5 (M:35.5)	1	1.6	6.05	652	2.95	1	
TRM61_HUMAN	31.4	7.1	1	48.0 (M:48.0)	1	3.5	6.44	436			
TRPM7_HUMAN	212.6	8.9	1	31.3 (M:31.3)	1	0.3	0.14	746	1.04	1	
TSP4_HUMAN	105.8	4.3	1	38.8 (M:38.8)	1	1.2	1.35	565	6.70	1	
TTC1_HUMAN	33.5	4.6	1	35.5 (M:35.5)	1	2.4	2.96	653	1.77	1	
TTHY_HUMAN	15.9	5.4	1	41.7 (M:41.7)	1	8.8	1.33	523	0.98	1	
TTL12_HUMAN	74.4	5.2	1	47.6 (M:47.6)	1	1.9	0.17	442	0.65	1	
TXNL1_HUMAN	32.2	4.7	1	79.2 (M:79.2)	2	5.5	2.19	248	1.10	2	35.73
TYB10_HUMAN	5.0	5.2	5	45.2 (M:45.2)	1	15.9	3.39	468	1.98	1	
U2AF1_HUMAN	27.9	10.1	1	28.4 (M:28.4)	1	2.9	3.63	825	1.72	1	
U520_HUMAN	244.4	5.7	1	90.5 (M:90.5)	2	0.8	5.54	216	1.84	2	9.44
UB2L3_HUMAN	17.9	9.5	1	60.5 (M:60.5)	2	9.7	2.30	346	1.18	2	10.37
UBA1_HUMAN	117.8	5.4	1	78.7 (M:78.7)	2	1.7	2.74	251	1.51	2	5.93
UBE2N_HUMAN	17.1	6.2	2	46.6 (M:46.6)	1	5.9	3.15	454	0.89	1	
UBIQ_HUMAN	8.6	7.6	1	69.3 (M:69.3)	2	19.7	2.50	288	1.34	2	27.44
UBL4A_HUMAN	17.8	9.5	1	27.6 (M:27.6)	1	5.1	2.54	855	1.66	1	
UBP14_HUMAN	56.0	5.1	1	49.9 (M:49.9)	1	2.8	0.58	423	0.61	1	
UBP7_HUMAN	128.2	5.2	1	59.5 (M:59.5)	2	1.4	6.12	354	1.80	2	1.26
UBQL1_HUMAN	62.5	4.9	2	57.2 (M:57.2)	1	2.5	1.58	375	0.74	1	
UBR4_HUMAN	573.5	5.6	9	121.1 (M:121.1)	4	0.6	4.70	149	1.07	2	11.88

UBXN1_HUMAN	33.3	5.1	1	42.1 (M:42.1)	1	6.4	4.11	517	0.84	1	
UFL1_HUMAN	89.5	6.3	1	44.1 (M:44.1)	1	1.0	5.52	489	1.45	1	
UGDH_HUMAN	55.0	6.9	1	31.2 (M:31.2)	1	1.2	1.02	751	1.13	1	
USP9X_HUMAN	289.4	5.4	1	45.6 (M:45.6)	1	0.4	3.65	464	1.78	1	
UTRO_HUMAN	394.2	5.1	1	38.0 (M:38.0)	1	0.3	5.07	583	1.19	1	
VAMP3_HUMAN	11.3	9.7	3	39.2 (M:39.2)	1	7.0	0.48	555	1.29	1	
VAT1_HUMAN	41.9	5.9	1	85.5 (M:85.5)	2	7.9	2.82	234	1.16	2	10.73
VATA_HUMAN	68.3	5.2	1	49.8 (M:49.8)	1	1.3	2.39	425	1.56	1	
VATE1_HUMAN	26.1	8.8	2	160.6 (M:160.6)	4	15.9	4.28	103	1.06	4	29.50
VATG1_HUMAN	13.7	9.7	1	43.4 (M:43.4)	1	9.3	5.19	496	1.75	1	
VCAM1_HUMAN	81.2	5.0	1	25.1 (M:25.1)	1	2.0	3.70	931	0.98	1	
VIGLN_HUMAN	141.4	6.4	1	25.4 (M:25.4)	1	0.7	1.70	916	1.63	1	
VIME_HUMAN	53.6	4.9	14	711.2 (M:711.2)	15	23.4	2.83	8	2.88!	8	78.56
VINC_HUMAN	123.7	5.4	2	366.5 (M:366.5)	9	6.9	1.70	36	1.00	9	40.16
VPS28_HUMAN	25.4	5.2	1	28.2 (M:28.2)	1	4.5	3.18	830	1.29	1	
VPS29_HUMAN	20.5	6.3	1	28.0 (M:28.0)	1	4.4	2.90	840	1.35	1	
VPS35_HUMAN	91.6	5.2	1	37.6 (M:37.6)	1	1.6	5.28	594	1.82	1	
VPS36_HUMAN	43.8	6.9	1	25.7 (M:25.7)	1	2.1	0.52	904	1.34	1	
WDR1_HUMAN	66.2	6.2	1	44.6 (M:44.6)	1	1.5	0.95	478	0.89	1	
WIBG_HUMAN	22.6	9.9	1	68.0 (M:68.0)	1	8.8	3.38	297	1.44	1	
XPO2_HUMAN	110.3	5.4	1	42.4 (M:42.4)	1	0.8	5.76	512	1.71	1	
ZA2G_HUMAN	33.9	5.5	2	657.0 (M:657.0)	17	32.2	2.51	11	0.97	15	24.01
ZCCHV_HUMAN	101.4	9.7	1	27.5 (M:27.5)	1	1.0	3.91	860	1.37	1	
ZN185_HUMAN	49.2	5.1	1	92.0 (M:92.0)	2	7.4	1.51	210	1.00	2	27.11
ZN207_HUMAN	50.7	9.8	1	49.7 (M:49.7)	1	2.7	3.85	426	2.85	1	
ZZEF1_HUMAN	330.9	5.6	1	36.8 (M:36.8)	1	0.3	2.51	616	1.50	1	