

Identifier	logFC	adj.P.Val		Protein	Gene	FC	บทบาท				
O60879	3742488.61E+00	DIAP2_HUMAN	Protein diaphanous homolog 2	DIAPH2	1372.223407		<b>DIAPH2</b> เป็นโปรตีนในกลุ่มที่มีโครงสร้างคล้ายฟอร์เมิน มีบทบาทสำคัญในการควบคุมโครงสร้างของ cytoskeleton ในการจัดการเม็ดเซลล์ในระหว่าง cytokinesis ซึ่งเชื่อมโยงกับกระบวนการแบ่งเซลล์ และควบคุมการสร้างเส้นใยแอคติน (actin filaments) ซึ่งเป็นองค์ประกอบสำคัญของ cytoskeleton <b>บทบาทในร่างไข่ DIAPH2</b> พบข้อมูลวิจัยแสดงให้เห็นว่า DIAPH2 รักษาความสมดุลของระบบเดอกไซด์ฟอโนเวลิค 9				
P09601	3.69707.75E+00	HMOX1_HUMAN	Heme oxygenase 1	HMOX1	4977.744372		<b>HMOX-1</b> มีบทบาทสำคัญในกระบวนการย่อยสลายชีม (heme) ซึ่งจะถูกย่อยสลายเป็นเหล็ก, คาร์บอนมอนอกไซด์, และบิลิเวร์ดิน ซึ่งเหล็กที่ปล่อยออกมามากจะถูกนำไปใช้ใหม่ในระบบ และการสร้างชีมโนโกรบิน ซึ่งเป็นส่วนประกอบสำคัญของเซลล์ เม็ดเลือดแดง และกระบวนการนี้มีบทบาทสำคัญในการตอบสนองที่เป็นพิษ และ HMOX-1 มีศักยภาพในการรักษาหรือบรรเทาโรคที่เกี่ยวข้อง การอักเสบ, และภาวะโลหิตจาง				
P69905	5.23247.18E+00	HBA_HUMAN	Hemoglobin subunit alpha	HBA1; HBA2	170773.9812		<b>HBA1 และ HBA2</b> ยีนเหล่านี้ทำงานร่วมกันเพื่อสร้างโปรตีนโกลบินอีส เป็นส่วนสำคัญของชีมโนโกรบิน ซึ่งมีหน้าที่การลำเลียงออกซิเจนจากปอดไปยังเนื้อของร่างกาย และนำก๊าซคาร์บอนไดออกไซด์จากเนื้อเยื่อกลับมา และช่วยรักษาปริมาณของเม็ดเลือดแดงให้มีนิ่งปกติ ความผิดปกติในการแสดงออกของ HBA1 และ HBA2 อาจส่งผลกระทบต่อการทำงานของชีม				
Q99988	3.20387.07E+00	GDF15_HUMAN	Growth/differentiation factor 15	GDF15	1598.99714		<b>GDF15</b> เป็นยีนที่เข้ารหัสโปรตีนที่มีลักษณะเป็นลิแกนด์ของ TGF-beta (transforming growth factor-beta) ซึ่งเป็นกลุ่มโปรตีนที่เกี่ยวข้องกับการควบคุมการเจริญเติบโต และการตอบสนองของเซลล์ และลิแกนด์ในกลุ่มนี้จะจับตัวรับ TGF-beta ต่างๆ ทำให้เกิดการกระตุ้นเป็นจัยการถอดรหัสของตระกูล SMAD ที่ควบคุมการแสดงออกของยีน พร้อมโปรตีนที่เข้ารหัสแล้วจะได้รับการประมวลผล โปรตีนนี้แสดงออกในเซลล์ทั้งหมดในร่างกาย ทั้งหนังปีนไปจนถึงไตและเยื่อบุโพรงทางเดิน				
P04264	4.21936.85E+00	K2C1_HUMAN	Keratin, type II cytoskeletal 1	KRT1	16572.93626		<b>KRT1</b> โปรตีนที่เข้ารหัสโดยยีนนี้เป็นสมาชิกของกลุ่มยีนใหญ่เดอราตีนประเพกษา ประกอบด้วยโปรตีนเยสทรีโอโปรตีนกลางที่เรียงตัวใหญ่โดยรากฐานประเพกษา นี้มีการแสดงออกโดยเฉพาะในชั้นสีปืนและชั้นแมงค์ซึ่งเป็นชั้นของผิวนหนังที่มีการสร้างเคราตินอย่างมาก และ KRT1 อยู่ในกลุ่มเยสทรีโอโปรตีนกลางที่เรียงตัวใหญ่โดยรากฐานประเพกษา				

P35527	3.5348	6.78E+00	K1C9_HUMAN	Keratin, type I cytoskeletal 9	KRT9	3426.255534	<p><b>KRT9</b> เป็นสมาชิกของกลุ่ม ไซโตเคอร์ติน (cytokeratin) ประจำกลุ่ม ชึ้งเป็นโปรตีนเคราตินที่พบในชั้นผิวหนังของฝ่ามือโดยเฉพา ในชั้นหนังกำพร้า (epidermis) ของผิวหนังที่มีความหนาและหนานสูง และ <b>HPCAL1</b> โปรตีนที่เข้ารหัสโดยยีนนี้ เป็นสมาชิกของกลุ่ม โปรตีนที่จับแคลเซียมและไฟฟ้า โปรตีนนี้อาจเกี่ยวข้องกับการควบคุมการฟอสฟอร์ส (rhodopsin) ชึ้งเป็นโปรตีนรับแสง ในเซลล์รับแสงของจอประสาททั้งนี้การฟอสฟิโรเลชันขึ้นอยู่กับระดับแคลเซียมใน และ <b>HPCAL1</b> ควบคุมการเข้าออกของแคลเซียมและไฟฟ้า</p>						
P37235	0.9837	6.74E+00	HPCL1_HUMAN	Hippocalcin-like protein 1	HPCAL1	9.63279555	<p><b>CHP1</b> ยีนนี้เข้ารหัสโปรตีน Na+/H+ NHE1 (Sodium/Hydrogen Exchanger 1) โปรตีนี้ทำหน้าที่เป็น Cofactor ที่จำเป็น ชี้งสนับสนุนการทำงานในตระกูล NHE และโปรตีนที่มีบทบาทในการควบคุมและปรับเปลี่ยน pH ภายในเซลล์และการควบคุมปริมาณของไอออน ใน CHP1 อาจมีบทบาทในการควบคุม Mitogenic ของ NHE1 เป็นการกระตุ้นการแบ่งเซลล์และการเจริญเติบโต ซึ่งเป็นกระบวนการที่สำคัญในจัดการความหลากหลายของเซลล์</p>						
Q99653	0.9625	6.68E+00	CHP1_HUMAN	Calcineurin B homologous prote	CHP1	9.17481586	<p><b>HBB</b> เข้ารหัสโปรตีนเบต้าเชนของฮีโมโกลบิน (hemoglobin) โปรตีนเบต้าเชนนี้ทำงานร่วมกับโปรตีนอัลฟ่าเชน (alpha chains) ชี้งเข้ารหัสโดยยีน HBA1 และ HBA2 เพื่อสร้างฮีโมโกลบินมีหน้าที่การลำเลียงออกซิเจน</p>						
P68871	3.5647	6.64E+00	HBB_HUMAN	Hemoglobin subunit beta	HBB	3670.728105	<p><b>HPCA</b> โปรตีนที่เข้ารหัสโดยยีนนี้เป็นสมาชิกของกลุ่ม โปรตีนที่มีบทบาทในการควบคุมระดับแคลเซียมภายในเซลล์ โปรตีนนี้มีความสำคัญต่อการ เช่น การกระตุ้นการปล่อยสารสื่อประสาท (neurotransmitter) และการส่งสัญญาณในระบบประสาท เมื่อต้น และ HPCA ยังมีส่วนร่วมในกระบวนการที่สำคัญ ได้แก่ การควบคุมการเข้าออกของแคลเซียมในเซลล์ (photoreceptor cells) รับรู้</p>						
P84074	1.1411	6.63E+00	HPCA_HUMAN	Neuron-specific calcium-binding	HPCA	13.84013884	<p>ซึ่งเป็นอนุพันธ์ที่มีบทบาทในการควบคุมการทำงานของ HPCA ได้แก่ การควบคุมการเข้าออกของแคลเซียมในเซลล์ (photoreceptor cells) รับรู้</p>						

Q86Z14	-1.195(6.54E+00	KLOTB_HUMAN	Beta-klotho		KLB	0.063734488	<b>KLB</b> เป็นองค์ประกอบที่นิยามในการส่งสัญญาณของตัวเมืองจากท่าน้ำที่เป็นตัวรับร่วมที่จำเป็นสำหรับช่อง 19 (FGF19) และไฟเบอร์ลาสติกเตอร์ 21 (FGF21) ผ่านการพัฒนาสารเลี้ยงแบบ FGF19 และ FGF21 KLB จึงกล้ายเป็นเพียงหมายที่มีแนวโน้มต่อสำหรับการรักษา เช่น เบาหวานประเภท 2 (T2D) โรคไขมันพอกตับที่ไม่ใช่แอลกอฮอล์ (NAFLD) และโรคหัวใจและหลอดเลือด ยังไม่สมบูรณ์								
Q9BYN0	2.0648(6.50E+00	SRXN1_HUMAN	Sulfiredoxin-1		SRXN1	116.0932956	<b>SRXN1</b> ตั้งอยู่ในไซโทโซล (cytosol) มีบทบาทในการรักษาต้น oxidoreductase ซึ่งเป็นเจ้าของที่ช่วยในการลดสารออกซิเดนต์ และฟื้นฟูโปรตีนที่ถูกออกซิเดชันให้กลับสู่สภาพที่ และ SRXN1 ทำงานร่วมกับกลุ่มชัลฟอร์ (sulfur donor groups) ซึ่งมีความสำคัญในการลด oxidative stress								
O95447	-1.265(6.36E+00	TUG1-TMC1	taurine up-regulated 1		TUG1	0.054317931	<b>TUG1</b> ทำหน้าที่เป็นตัวควบคุมการแสดงออกของยีนที่เกี่ยวกับการเนื้อเยื่อและอวัยวะในช่วงระยะของการเจริญเติบโต เช่น การพัฒนาเซลล์รับแสง <sup>และกระบวนการควบคุมการทำงานของเซลล์</sup>								
Q9NQU5	-1.051(6.27E+00	PAK6_HUMAN	Serine/threonine-protein kinase		PAK6	0.088789183	<b>PAK6</b> ยืนยันเข้ารหัสสามารถของตระกูลโปรตีนไคเคนเซอฟ p21 ซึ่งประกอบด้วยได้แก่การจับ缚และตัดตอน Cdc42/Rac ที่ปลายอะมีโน (CRIB) และได้แก่ไคเคนส์ปัลยาครีบกัชล์ ไคเคนส์เหล่านี้ทำหน้าที่ในกระบวนการของเซลล์หลัก รวมถึงการจัดเรียงใหม่ของโครงสร้างเซลล์ apoptosis และการส่งสัญญาณ ไคเคนส์โปรตีนที่กระตุ้นไมโครตูโร (MAP) โปรตีนที่เข้ารหัสโดยยืนยันนี้จะตัดตอนกับตัวรับแอนด์โรเจน (AR) ซึ่งเป็นโปรตีนที่สำคัญในกระบวนการควบคุมการเจริญเติบโต เช่น เทสโทสเตอโรน และการเปลี่ยนแปลง <sup>ในการแสดงออกของยีน PAK6</sup> ได้รับการเชื่อมโยงกับการพัฒนามะเร็งต่อมลูกหมาก (prostate cancer)								

Q8WUM4	-0.775	6.11E+00	PDC6I_HUMAN	Programmed cell death 6-interacting protein	PDCD6IP	0.167588598	<p><b>PDCD6IP</b> เป็นโปรตีนที่ทำงานภายใต้ ESCRT (Endosomal Sorting Complex Required for Transport) เส้นทาง ESCRT มีความสำคัญในการสร้างเกลลิคในเอนโดโซม และมีบทบาทสำคัญในการบูรณาการต่างๆ เช่น การถ่ายโอนสารภายในเซลล์และการควบคุมการหักเม็ด (cytokinesis) และ PDCD6IP มีบทบาทในการแตกหน่อของไวรัสที่มีเยื่อหุ้ม เช่น HIV โดยการมีส่วนช่วยในการสร้างและการปล่อยไวรัส พนักงานศึกษาทางเซลล์ของหวัด พบว่าการแสดงออกมากเกินไปของโปรตีนี้หรือ PDCD6IP สามารถหลีกเลี่ยงกระบวนการ apoptosis ได้ ซึ่งเป็นชี้ว่าอาจมีบทบาทในการป้องกันการตายของโดย PDCD6IP อาจทำงานร่วมกับ PDCD6 ซึ่งมีบทบาทสำคัญในการกระตุ้น apoptosis และการทำงานของ PDCD6 ขึ้นอยู่กับระดับแคลเลชันในเซลล์</p>
Q14152	-1.061	6.08E+00	EIF3A_HUMAN	Eukaryotic translation initiation factor 3 subunit A	EIF3A	0.086820479	<p><b>EIF3A</b> เป็นโปรตีนที่มีบทบาทสำคัญในการกระบวนการเริ่มต้น mRNA ที่มีบทบาทในการจับกับ mRNA ซึ่งเป็นขั้นตอนสำคัญในการเริ่มต้นการแปลงโปรตีน และมีบทบาทในการเริ่มต้นการแปลงของไวรัสที่มี IRES (Internal Ribosome Entry Site) ซึ่งเป็นกลไกที่ช่วยให้ ribosome สามารถเริ่มการแปลงโปรตีนได้โดยตรงที่ตำแหน่ง mRNA ของไวรัสได้โดยตรง โดยไม่ต้องใช้กลไกการเริ่มต้นที่ปลาย 5' และ EIF3A ช่วยควบคุมกระบวนการเริ่มต้นและยังติดการแปลงของซึ่งมีผลต่อการควบคุมการสร้างโปรตีนของไวรัสและการเปลี่ยนแปลงในการแสดงออกของ EIF3A หรือการถ่ายพันธุ์ในเยื่อ EIF3A อาจมีความเกี่ยวข้องกับโรคบางชนิด รวมถึงมะเร็ง การวิจัยแสดงให้เห็นว่า EIF3A อาจมีบทบาทในการควบคุมการเจริญเติบโตของเซลล์</p>
P02042	3.771	6.08E+00	HBD_HUMAN	Hemoglobin subunit delta	HBD	5903.778934	<p><b>HBD</b> เข้ารหัสโปรตีน Delta Chain (<math>\delta</math>) ซึ่งเป็นหนึ่งในหน่วยป้องของฮีโน่โกลบิน A2 (HbA2) โปรตีน Delta Chain (<math>\delta</math>) ทำงานร่วมกับ Alpha Chain (<math>\alpha</math>) เพื่อสร้างชิมิโกลบิน A2 (HbA2) ถึงแม้ว่า HbA2 จะพบในเลือดในปริมาณน้อยเมื่อเปรียบเทียบกับ Hemoglobin A (HbA) แต่ก็มีความสำคัญในการช่วยรักษาสมดุลของชีวภาพ</p>
Q96B67	2.344	6.03E+00	ARRD3_HUMAN	Arrestin domain-containing protein 3	ARRDC3	220.8627692	<p><b>ARRDC3</b> ยังไม่เข้ารหัสไปรษณีย์ในกลุ่มอาเซอร์สติน ซึ่งควบคุมการส่งสัญญาณผ่านโปรตีนจี (G protein-coupled receptor signaling) โปรตีนที่เข้ารหัสโดย ARRDC3 มีบทบาทในการควบคุมการเติบโตและการแพร่กระจายของไวรัสกับอินทีเกรติน 4 (Integrin)</p>
P16401	-0.870	6.02E+00	H15_HUMAN	Histone H1.5	H1-5	0.134640045	
P35908	2.7343	5.99E+00	K22E_HUMAN	Keratin, type II cytoskeletal 2 epi	KRT2	542.3793459	

Q05639	-1.180	5.86E+00	EF1A2_HUMAN	Elongation factor 1-alpha 2	EEF1A2	0.066032223					
Q13501	1.7575	5.81E+00	SQSTM_HUMAN	Sequestosome-1	SQSTM1	57.2144315					
Q92674	0.9699	5.71E+00	CENPI_HUMAN	Centromere protein I	CENPI	9.331458372					
Q14201	0.7005	5.63E+00	BTG3_HUMAN	Protein BTG3	BTG3	5.01769747					
O15525	0.8916	5.59E+00	MAFG_HUMAN	Transcription factor MafG	MAFG	7.791498654					
Q9UIS9	1.6796	5.50E+00	MBD1_HUMAN	Methyl-CpG-binding domain pro	MBD1	47.82818242					
O15479	0.6483	5.45E+00	MAGB2_HUMAN	Melanoma-associated antigen B	MAGEB2	4.449871019					
P46777	-0.9111	5.44E+00	RL5_HUMAN	Large ribosomal subunit protein	RPL5	0.122708878					
Q7Z406	-0.8694	5.37E+00	MYH14_HUMAN	Myosin-14	MYH14	0.135063686					
P02768	0.8308	5.34E+00	ALBU_HUMAN	Albumin	ALB	6.774381542					
P11940	-0.6866	5.32E+00	PABP1_HUMAN	Polyadenylate-binding protein 1	PABPC1	0.205771305					
P13645	1.4533	5.32E+00	K1C10_HUMAN	Keratin, type I cytoskeletal 10	KRT10	28.40078192					
P01130	0.8331	5.27E+00	LDLR_HUMAN	Low-density lipoprotein receptor	LDLR	6.809724044					
P60842	-0.7582	5.26E+00	IF4A1_HUMAN	Eukaryotic initiation factor 4A-I	EIF4A1	0.174487390					
P50991	-0.7791	5.25E+00	TCPD_HUMAN	T-complex protein 1 subunit delta	CCT4	0.166212071					
P10321	0.6281	5.21E+00	HLAC_HUMAN	HLA class I histocompatibility an	HLA-C	4.248063276					
P08758	0.7842	5.10E+00	ANXA5_HUMAN	Annexin A5	ANXA5	6.084787137					
Q01082	-1.4104	5.05E+00	SPTB2_HUMAN	Spectrin beta chain, non-erythro	SPTBN1	0.038862515					
Q04637	-0.6471	5.02E+00	IF4G1_HUMAN	Eukaryotic translation initiation f	EIF4G1	0.225362204					
P46782	0.5464	5.00E+00	RS5_HUMAN	Small ribosomal subunit protein	RPS5	3.519366348					
P07195	-0.6224	4.95E+00	LDHB_HUMAN	L-lactate dehydrogenase B chain	LDHB	0.238510288					
P50914	-0.6111	4.94E+00	RL14_HUMAN	Large ribosomal subunit protein	RPL14	0.244493670					
P12270	0.6595	4.87E+00	TPR_HUMAN	Nucleoprotein TPR	TPR	4.565900078					
P50990	-0.6471	4.86E+00	TCPQ_HUMAN	T-complex protein 1 subunit thet	CCT8	0.225328917					
P38919	-0.5804	4.85E+00	IF4A3_HUMAN	Eukaryotic initiation factor 4A-III	EIF4A3	0.262763811					
O43291	0.6820	4.84E+00	SPIT2_HUMAN	Kunitz-type protease inhibitor 2	SPINT2	4.809313634					
O00148	-0.6761	4.82E+00	DX39A_HUMAN	ATP-dependent RNA helicase D	DDX39A	0.210758906					
Q5BKZ1	0.6965	4.79E+00	ZN326_HUMAN	DBIRD complex subunit ZNF326	ZNF326	4.97215948					
Q15758	0.6863	4.76E+00	AAAT_HUMAN	Neutral amino acid transporter B	SLC1A5	4.857283699					
P62826	-0.6291	4.76E+00	RAN_HUMAN	GTP-binding nuclear protein Ran	RAN	0.234805626					
P35749	-0.8933	4.75E+00	MYH11_HUMAN	Myosin-11	MYH11	0.127781460					
P26641	-0.8320	4.74E+00	EF1G_HUMAN	Elongation factor 1-gamma	EEF1G	0.147229647					
P07711	0.9464	4.72E+00	CATL1_HUMAN	Procathepsin L	CTSL	8.839872131					
Q13838	-0.6133	4.70E+00	DX39B_HUMAN	Spliceosome RNA helicase DDX39B	DDX39B	0.243494315					
P49368	-0.7071	4.66E+00	TCPG_HUMAN	T-complex protein 1 subunit gamma	CCT3	0.195968512					
P02649	1.9854	4.65E+00	APOE_HUMAN	Apolipoprotein E	APOE	96.69561212					
P18124	-0.5701	4.63E+00	RL7_HUMAN	Large ribosomal subunit protein	RPL7	0.269060728					
Q13310	-0.6334	4.61E+00	PABP4_HUMAN	Polyadenylate-binding protein 4	PABPC4	0.232592544					
P23526	-0.5410	4.60E+00	SAHH_HUMAN	Adenosylhomocysteinase	AHCY	0.287675745					
Q7RTV0	0.5700	4.59E+00	PHF5A_HUMAN	PHD finger-like domain-containin	PHF5A	3.715459084					
P49736	-0.6501	4.58E+00	MCM2_HUMAN	DNA replication licensing factor	MCM2	0.223502238					
O00422	0.5113	4.58E+00	SAP18_HUMAN	Histone deacetylase complex su	SAP18	3.245984413					
O76015	0.5499	4.57E+00	KRT38_HUMAN	Keratin, type I cuticular Ha8	KRT38	3.547723355					
P07737	-0.7312	4.57E+00	PROF1_HUMAN	Profilin-1	PFN1	0.185665357					
Q92597	0.8486	4.57E+00	NDRG1_HUMAN	Protein NDRG1	NDRG1	7.057044451					
Q99547	1.5203	4.56E+00	MPH6_HUMAN	M-phase phosphoprotein 6	MPHOSPH6	33.13652306					
Q99873	-0.6384	4.56E+00	ANM1_HUMAN	Protein arginine N-methyltransfe	PRMT1	0.229880874					
P10909	1.2763	4.55E+00	CLUS_HUMAN	Clusterin	CLU	18.89449026					
P61981	-0.4674	4.55E+00	1433G_HUMAN	14-3-3 protein gamma	YWHAQ	0.340850203					
Q99832	-0.8284	4.54E+00	TCPH_HUMAN	T-complex protein 1 subunit eta	CCT7	0.148408629					

Q15181	-0.5434.54E+00	IPYR_HUMAN	Inorganic pyrophosphatase	PPA1	0.285788825						
O60885	0.84124.53E+00	BRD4_HUMAN	Bromodomain-containing protein 4	BRD4	6.938628937						
P26373	-0.4814.53E+00	RL13_HUMAN	Large ribosomal subunit protein L13	RPL13	0.330297272						
P62917	-0.5924.50E+00	RL8_HUMAN	Large ribosomal subunit protein L8	RPL8	0.255455430						
Q92692	0.47254.49E+00	NECT2_HUMAN	Nectin-2	NECTIN2	2.968897999						
P07478	-0.9154.49E+00	TRY2_HUMAN	Trypsin-2	PRSS2	0.121434569						
P63173	-0.5204.47E+00	RL38_HUMAN	Large ribosomal subunit protein L38	RPL38	0.301885175						
Q01658	0.51214.47E+00	NC2B_HUMAN	Protein Dr1	DR1	3.252116965						
P23396	-0.4634.46E+00	RS3_HUMAN	Small ribosomal subunit protein S3	RPS3	0.343577867						
Q15102	-0.5394.46E+00	PA1B3_HUMAN	Platelet-activating factor acetylhydrolase 1B3	PAFAH1B3	0.288541935						
Q9H254	0.55704.45E+00	SPTN4_HUMAN	Spectrin beta chain, non-erythrocytic	SPTBN4	3.605900817						
Q12797	0.64184.43E+00	ASPH_HUMAN	Aspartyl/asparaginyl beta-hydroxylase	ASPH	4.3842082						
O00303	-0.7694.41E+00	EIF3F_HUMAN	Eukaryotic translation initiation factor 3F	EIF3F	0.169944583						
P14174	-0.6144.40E+00	MIF_HUMAN	Macrophage migration inhibitory factor	MIF	0.242947973						
Q9GZQ8	0.49374.38E+00	MLP3B_HUMAN	Microtubule-associated protein 3B	MAP1LC3B	3.117050676						
P18669	-0.8204.38E+00	PGAM1_HUMAN	Phosphoglycerate mutase 1	PGAM1	0.151056999						
O15212	-0.6934.37E+00	PFD6_HUMAN	Prefoldin subunit 6	PFDN6	0.202491347						
Q6UX04	0.58504.35E+00	CWC27_HUMAN	Spliceosome-associated protein CWC27	CWC27	3.84632154						
Q9H3N1	0.44734.34E+00	TMX1_HUMAN	Thioredoxin-related transmembrane protein	TMX1	2.800956944						
Q9P1Z2	3.44114.32E+00	CACO1_HUMAN	Calcium-binding and coiled-coil domain containing 1	CALCOCO1	2761.395247						
Q13765	-0.5024.31E+00	NACA_HUMAN	Nascent polypeptide-associated complex subunit A	NACA	0.314164334						
P13667	-0.4604.31E+00	PDIA4_HUMAN	Protein disulfide-isomerase A4	PDIA4	0.346202859						
Q14676	0.55364.30E+00	MDC1_HUMAN	Mediator of DNA damage checkpoint protein 1	MDC1	3.577847372						
O95294	0.59054.30E+00	RASL1_HUMAN	RasGAP-activating-like protein 1	RASAL1	3.895594132						
Q16658	-0.6344.29E+00	FSCN1_HUMAN	Fascin	FSCN1	0.232017676						
Q9UBB5	0.51084.29E+00	MBD2_HUMAN	Methyl-CpG-binding domain protein 2	MBD2	3.242150643						
Q07020	-0.4484.28E+00	RL18_HUMAN	Large ribosomal subunit protein L18	RPL18	0.356096096						
Q86X29	0.43174.27E+00	LSR_HUMAN	Lipolysis-stimulated lipoprotein receptor	LSR	2.702470258						
P17676	0.86174.27E+00	CEBPB_HUMAN	CCAAT/enhancer-binding protein beta	CEBPB	7.273871926	P'Pea goooo					
Q8N163	-0.6144.27E+00	CCAR2_HUMAN	Cell cycle and apoptosis regulator	CCAR2	0.243027789						
P27635	-0.6344.25E+00	RL10_HUMAN	Large ribosomal subunit protein L10	RPL10	0.231859897						
P55010	0.41484.25E+00	IF5_HUMAN	Eukaryotic translation initiation factor 5	EIF5	2.59955322						
Q9UBS4	0.63274.25E+00	DJB11_HUMAN	DnaJ homolog subfamily B member 11	DNAJ11	4.292684923						
O15481	-3.1044.24E+00	MAGB4_HUMAN	Melanoma-associated antigen B	MAGEB4	0.000786397						
Q8TCS8	0.48434.23E+00	PNPT1_HUMAN	Polyribonucleotide nucleotidyltransferase	PNPT1	3.050653435						
Q9Y3U8	-0.4294.22E+00	RL36_HUMAN	Large ribosomal subunit protein L36	RPL36	0.371913083						
P01116	0.49454.22E+00	RASK_HUMAN	GTPase KRas	KRAS	3.122578729						
Q02790	-0.6894.20E+00	FKBP4_HUMAN	Peptidyl-prolyl cis-trans isomerase	FKBP4	0.204502205						
P31949	0.92484.19E+00	S10AB_HUMAN	Protein S100-A11	S100A11	8.410448968						
P06744	-0.60114.19E+00	G6PI_HUMAN	Glucose-6-phosphate isomerase	GPI	0.250503495						
O75376	-0.4804.19E+00	NCOR1_HUMAN	Nuclear receptor corepressor 1	NCOR1	0.330583192						
Q9Y265	-0.5334.18E+00	RUVBL1_HUMAN	RuvB-like 1	RUVBL1	0.292522778						
Q99613	-0.6724.18E+00	EIF3C_HUMAN	Eukaryotic translation initiation factor 3C	EIF3C	0.212719983						
P42167	0.47704.18E+00	LAP2B_HUMAN	Lamina-associated polypeptide 2	TMPO	2.999788598						
Q14114	0.78204.18E+00	LRP8_HUMAN	Low-density lipoprotein receptor	LRP8	6.054589453						
Q9UJZ1	0.78584.17E+00	STML2_HUMAN	Stomatin-like protein 2, mitochondrial	STOML2	6.107826754						
Q9H3K6	-0.5694.17E+00	BOLA2_HUMAN	Bola2-like protein 2	BOLA2	0.269721243						



P08865	-0.547	3.8831167	RSSA_HUMAN	Small ribosomal subunit protein	RPSA	0.283403234					
O14944	0.5618	3.882062	EREG_HUMAN	Proepiregulin	EREG	3.646514485					
O15372	-0.692	3.881612	EIF3H_HUMAN	Eukaryotic translation initiation factor 3 subunit H	EIF3H	0.202773395					
P46781	-0.536	3.872736	RS9_HUMAN	Small ribosomal subunit protein	RPS9	0.290777481					
P15880	-0.464	3.870252	RS2_HUMAN	Small ribosomal subunit protein	RPS2	0.343189635					
P50395	-0.454	3.866170	GDI2_HUMAN	Rab GDP dissociation inhibitor beta	GDI2	0.351064598					
P48507	1.1829	3.866052	GSHO_HUMAN	Glutamate--cysteine ligase regulatory subunit	GCLM	15.23731083					
P55884	-0.971	3.861719	EIF3B_HUMAN	Eukaryotic translation initiation factor 3 subunit B	EIF3B	0.106759515					
P60468	0.3661	3.858932	SC61B_HUMAN	Protein transport protein Sec61 subunit B	SEC61B	2.32351771					
Q9NXV2	0.9877	3.856083	KCTD5_HUMAN	BTB/POZ domain-containing protein 5	KCTD5	9.720959416					
Q01844	0.3356	3.852979	EWS_HUMAN	RNA-binding protein EWS	EWSR1	2.16577467					
Q14137	-0.467	3.830228	BOP1_HUMAN	Ribosome biogenesis protein BOP1	BOP1	0.340625363					
P17987	-0.728	3.828118	TCPA_HUMAN	T-complex protein 1 subunit alpha	TCP1	0.187000621					
Q9Y224	0.5429	3.821281	RTRAF_HUMAN	RNA transcription, translation and processing factor RTRAF	RTRAF	3.491374157					
P43307	0.6163	3.815325	SSRA_HUMAN	Translocon-associated protein small subunit	SSR1	4.133932423					
P00491	-0.863	3.790670	PNPH_HUMAN	Purine nucleoside phosphorylase	PNP	0.137038913					
P40925	-0.547	3.790107	MDHC_HUMAN	Malate dehydrogenase, cytoplasmic	MDH1	0.283786322					
Q96QD8	-1.378	3.781254	S38A2_HUMAN	Sodium-coupled neutral amino acid transporter S38A2	SLC38A2	0.041829071					
Q13428	0.4133	3.779970	TCOF_HUMAN	Treacle protein	TCOF1	2.590178433					
Q13033	0.6082	3.770645	STRN3_HUMAN	Striatin-3	STRN3	4.057886046					
P62906	-0.442	3.769201	RL10A_HUMAN	Large ribosomal subunit protein RL10A	RPL10A	0.360772397					
Q6F113	2.4660	3.769193	H2A2A_HUMAN	Histone H2A type 2-A	H2AC18; H2AC	292.4177371					
Q16777	2.4660	3.769193	H2A2C_HUMAN	Histone H2A type 2-C	H2AC20	292.4177371					
Q13740	0.3696	3.767395	CD166_HUMAN	CD166 antigen	ALCAM	2.342591445					
Q13242	0.4198	3.764092	SRSF9_HUMAN	Serine/arginine-rich splicing factor 9	SRSF9	2.629540172					
P21583	-0.806	3.745248	SCF_HUMAN	Kit ligand	KITLG	0.156223281					
P62847	-0.848	3.744664	RS24_HUMAN	Small ribosomal subunit protein RS24	RPS24	0.141792608					
P40429	-0.609	3.732180	RL13A_HUMAN	Large ribosomal subunit protein RL13A	RPL13A	0.245655911					
Q9NP11	0.7046	3.731925	BRD7_HUMAN	Bromodomain-containing protein 7	BRD7	5.065798803					
O95297	0.4190	3.730213	MPZL1_HUMAN	Myelin protein zero-like protein 1	MPZL1	2.624381351					
P63313	-0.476	3.729614	TYB10_HUMAN	Thymosin beta-10	TMSB10	0.333889946					
Q12907	0.4462	3.728095	LMAN2_HUMAN	Vesicular integral-membrane protein LMAN2	LMAN2	2.793839138					
Q14061	-0.557	3.717479	COX17_HUMAN	Cytochrome c oxidase copper chaperone	COX17	0.276872275					
O00220	0.6478	3.716599	TR10A_HUMAN	Tumor necrosis factor receptor superfamily member 10A	TNFRSF10A	4.444435552					
Q5XKE5	1.3954	3.712462	K2C79_HUMAN	Keratin, type II cytoskeletal 79	KRT79	24.85774319					
P04156	0.7440	3.709927	PRIO_HUMAN	Major prion protein	PRNP	5.546630303					
Q96IY1	0.8643	3.709524	NSL1_HUMAN	Kinetochore-associated protein NSL1	NSL1	7.316744116					
Q9NX58	0.4184	3.706949	LYAR_HUMAN	Cell growth-regulating nucleolar protein LYAR	LYAR	2.621085652					
Q14919	0.4407	3.701120	NC2A_HUMAN	Dr1-associated corepressor	DRAP1	2.759139464					
P43487	-0.508	3.697666	RANG_HUMAN	Ran-specific GTPase-activating protein RANGBP1	RANBP1	0.310190183					
P68133	0.6598	3.694425	ACTS_HUMAN	Actin, alpha skeletal muscle	ACTA1	4.569102565					
P04080	-0.6891	3.694334	CYTB_HUMAN	Cystatin-B	CSTB	0.204268899					
P49327	-0.941	3.692972	FAS_HUMAN	Fatty acid synthase	FASN	0.114319525					
P22234	-0.905	3.690593	PUR6_HUMAN	Bifunctional phosphoribosylaminotransferase PAICS	PAICS	0.124187479					
Q96QC0	0.5809	3.678619	PP1RA_HUMAN	Serine/threonine-protein phosphatase 1 regulatory subunit 1A	PPP1R10	3.810139941					
P49207	-0.453	3.678337	RL34_HUMAN	Large ribosomal subunit protein RL34	RPL34	0.351755540					
Q9UIG0	0.7110	3.676162	BAZ1B_HUMAN	Tyrosine-protein kinase BAZ1B	BAZ1B	5.140960618					
P62829	-0.445	3.675546	RL23_HUMAN	Large ribosomal subunit protein RL23	RPL23	0.358203262					
Q6NXG1	0.3687	3.672169	ESRP1_HUMAN	Epithelial splicing regulatory protein ESRP1	ESRP1	2.337732459					
P62266	-0.687	3.668228	RS23_HUMAN	Small ribosomal subunit protein RS23	RPS23	0.205341328					

P52565	-0.61113.664002	GDIR1_HUMAN	Rho GDP-dissociation inhibitor 1	ARHGDI	0.244808909
P62495	-0.5833.661105	ERF1_HUMAN	Eukaryotic peptide chain release factor 1	ETF1	0.260844685
P25208	0.52313.654271	NFYB_HUMAN	Nuclear transcription factor Y subunit beta	NFYB	3.335457029
Q96A33	0.49293.650219	CCD47_HUMAN	PAT complex subunit CCDC47	CCDC47	3.11106654
P78347	-0.5503.645355	GTF2I_HUMAN	General transcription factor II-I	GTF2I	0.281398475
Q02878	-0.5373.644157	RL6_HUMAN	Large ribosomal subunit protein L6	RPL6	0.290352832
P36578	-0.8133.643587	RL4_HUMAN	Large ribosomal subunit protein L4	RPL4	0.153535576
Q93045	-0.4063.642762	STMN2_HUMAN	Stathmin-2	STMN2	0.392384385
P17693	0.50983.632446	HLAG_HUMAN	HLA class I histocompatibility antigen LAG	HLA-G	3.234762204
Q07065	0.58153.630366	CKAP4_HUMAN	Cytoskeleton-associated protein 4	CKAP4	3.815860268
Q96FS4	0.39673.617755	SIPA1_HUMAN	Signal-induced proliferation-associated protein 1	SIPA1	2.493248308
Q15424	0.59023.610725	SAFB1_HUMAN	Scaffold attachment factor B1	SAFB	3.893058654
Q9UDY4	0.35753.606312	DNJB4_HUMAN	DnaJ homolog subfamily B member 4	DNAJB4	2.277768995
O75832	1.51623.600158	PSD10_HUMAN	26S proteasome non-ATPase regulatory subunit 10	PSMD10	32.82560786
P19623	-0.8013.596100	SPEE_HUMAN	Spermidine synthase	SRM	0.15808827
P62241	-0.6063.585213	RS8_HUMAN	Small ribosomal subunit protein S8	RPS8	0.247279192
P08559	-0.7053.584482	ODPA_HUMAN	Pyruvate dehydrogenase E1 component alpha	PDHA1	0.197077062
P18077	-0.4593.583016	RL35A_HUMAN	Large ribosomal subunit protein L35A	RPL35A	0.346821181
Q9BRT2	1.2993.580632	UQCRC2_HUMAN	Ubiquinol-cytochrome c reductase complex subunit 2	UQCRC2	19.92112667
P19256	0.76473.575742	LFA3_HUMAN	Lymphocyte function-associated antigen 3	CD58	5.817320212
P61088	-0.3263.569173	UBE2N_HUMAN	Ubiquitin-conjugating enzyme E2N	UBE2N	0.471377118
Q96JB5	0.54683.567884	CK5P3_HUMAN	CDK5 regulatory subunit-associated protein 3	CDK5RAP3	3.522659392
O95171	-0.5463.562043	SCEL_HUMAN	Scellin	SCEL	0.284008126
O00264	0.40023.555557	PGRC1_HUMAN	Membrane-associated progesterone receptor	PGRM1	2.513359815
Q9Y6M7	1.46363.551259	S4A7_HUMAN	Sodium bicarbonate cotransporter S4A7	SLC4A7	29.08637393
Q96A72	-0.6573.548264	MGN2_HUMAN	Protein mago nashi homolog 2	MAGOHB	0.219788668
O75821	-0.3923.547965	EIF3G_HUMAN	Eukaryotic translation initiation factor 3 subunit G	EIF3G	0.405333923
P33316	-0.3243.542316	DUT_HUMAN	Deoxyuridine 5'-triphosphate nucleotidohydrolase	DUT	0.473980148
Q6NSI4	-0.4193.538535	RADX_HUMAN	RPA-related protein RADX	RADX	0.380230843
Q5T4S7	1.84743.537961	UBR4_HUMAN	E3 ubiquitin-protein ligase UBR4	UBR4	70.38654712
O14763	0.65883.536764	TR10B_HUMAN	Tumor necrosis factor receptor superfamily member 10B	TNFRSF10B	4.558518724
Q9Y262	-1.1243.535751	EIF3L_HUMAN	Eukaryotic translation initiation factor 3 subunit L	EIF3L	0.075078627
Q01813	-0.5573.534183	PFKAP_HUMAN	ATP-dependent 6-phosphofructokinase, small subunit	PFKP	0.277327931
Q9Y2R5	-0.5573.526619	RT17_HUMAN	Small ribosomal subunit protein RT17	MRPS17	0.277014334
Q5JTV8	0.3453.526348	TOIP1_HUMAN	Torsin-1A-interacting protein 1	TOR1AIP1	2.214627202
P02545	0.34043.524533	LMNA_HUMAN	Prelamin-A/C	LMNA	2.189883407
P54652	0.43003.519177	HSP72_HUMAN	Heat shock-related 70 kDa protein	HSPA2	2.692086437
P63027	0.45193.512891	VAMP2_HUMAN	Vesicle-associated membrane protein 2	VAMP2	2.831191202
Q9BZF1	-0.5373.510317	OSBL8_HUMAN	Oxysterol-binding protein-related protein 8	OSBPL8	0.289809868
P18621	0.31243.508866	RL17_HUMAN	Large ribosomal subunit protein L17	RPL17	2.053282487
P17096	0.42473.492946	HMGAA1_HUMAN	High mobility group protein HMGAA1	HMGAA1	2.659324184
Q9NYJ1	-1.2963.491249	COA4_HUMAN	Cytochrome c oxidase assembly protein COA4	COA4	0.050555699
P46779	-0.4443.480785	RL28_HUMAN	Large ribosomal subunit protein L28	RPL28	0.358950425
P40926	-0.3653.465305	MDHM_HUMAN	Malate dehydrogenase, mitochondrial	MDH2	0.431031602
Q92785	0.44703.464312	REQU_HUMAN	Zinc finger protein ubi-d4	DPF2	2.799565546
Q9HCM1	0.54523.463986	RESF1_HUMAN	Retroelement silencing factor 1	RESF1	3.509823545
Q14185	0.54523.463986	DOCK1_HUMAN	Dedicator of cytokinesis protein 1	DOCK1	3.509823545
P61353	-0.4453.453563	RL27_HUMAN	Large ribosomal subunit protein L27	RPL27	0.358246258
Q71UM5	-0.3873.453181	RS27L_HUMAN	Ribosomal protein eS27-like	RPS27L	0.409489798
Q9HB71	-0.4683.441904	CYBP_HUMAN	Calcyclin-binding protein	CACYBP	0.340159632

Q9P0J1	-0.835	3.4334034	PDP1_HUMAN	[Pyruvate dehydrogenase [acetyltransferase] E1 component, catalytic subunit] PDP1	0.145976883					
O96008	-0.579	3.4317071	TOM40_HUMAN	Mitochondrial import receptor subunit TOMM40	0.263413021					
O15355	-0.529	3.4310881	PPM1G_HUMA	Protein phosphatase 1G PPM1G	0.295787381					
P50454	-0.452	3.4248525	SERPH_HUMA	Serpin H1 SERPINH1	0.353008674					
Q7Z794	0.4055	3.4222819	K2C1B_HUMAN	Keratin, type II cytoskeletal 1b KRT77	2.544422557					
P02788	0.8766	3.4174094	TRFL_HUMAN	Lactotransferrin LTF	7.527177841					
P31947	1.0136	3.4139831	I433S_HUMAN	14-3-3 protein sigma SFN	10.31892842					
P62244	-0.379	3.409875	RS15A_HUMAN	Small ribosomal subunit protein RPS15A	0.417672683					
P16104	1.1977	3.4060981	H2AX_HUMAN	Histone H2AX H2AX	15.76731097					
Q8IUE6	1.1977	3.4060981	H2A2B_HUMAN	Histone H2A type 2-B H2AC21	15.76731097					
Q15056	-0.327	3.4033581	IF4H_HUMAN	Eukaryotic translation initiation factor 4H EIF4H	0.469941771					
P35240	-0.380	3.3998761	MERL_HUMAN	Merlin NF2	0.416605781					
Q96HY6	0.5616	3.3973861	DDRGK_HUMA	DDRGK domain-containing protein DDRGK1	3.644756004					
P04439	0.4187	3.3891961	HLAA_HUMAN	HLA class I histocompatibility antigen HLA-A	2.622481378					
Q13045	0.4010	3.3822301	FLII_HUMAN	Protein flightless-1 homolog FLII	2.518027855					
P45973	0.4013	3.3810181	CBX5_HUMAN	Chromobox protein homolog 5 CBX5	2.51987944					
P07477	-0.8711	3.3807421	TRY1_HUMAN	Serine protease 1 PRSS1	0.134493419					
Q13435	0.4167	3.3789841	SF3B2_HUMAN	Splicing factor 3B subunit 2 SF3B2	2.610456995					
Q13126	-0.927	3.3779381	MTAP_HUMAN	S-methyl-5'-thioadenosine phosphotransferase MTAP	0.118210897					
P07602	0.6357	3.3721301	SAP_HUMAN	Prosaposin PSAP	4.322212948					
P61313	-0.5921	3.3692301	RL15_HUMAN	Large ribosomal subunit protein RPL15	0.255360588					
Q9UQB8	0.3646	3.3677211	BAIP2_HUMAN	BAR/IMD domain-containing adaptor BAIP2	2.315536813					
Q16584	0.4450	3.3668231	M3K11_HUMAN	Mitogen-activated protein kinase MAP3K11	2.786314724					
Q9Y230	-0.563	3.3596091	RUVB2_HUMAN	RuvB-like 2 RUVBL2	0.273514303					
Q96P16	0.4284	3.3520671	RPR1A_HUMAN	Regulation of nuclear pre-mRNA processing RPRD1A	2.681968835					
Q96T88	-0.4551	3.3498901	UHRF1_HUMAN	E3 ubiquitin-protein ligase UHRF1	0.350472163					
Q8IUZ0	1.2165	3.3424081	LRC49_HUMAN	Leucine-rich repeat-containing protein LRRK49	16.46629975					
P26038	-0.4201	3.3409411	MOES_HUMAN	Moesin MSN	0.379405408					
Q99439	-0.4564	3.3274981	CNN2_HUMAN	Calponin-2 CNN2	0.349609214					
P13489	-0.4991	3.3246771	RINI_HUMAN	Ribonuclease inhibitor RNH1	0.316346854					
P62979	-0.3931	3.3144471	RS27A_HUMAN	Ubiquitin-ribosomal protein eS31 RPS27A	0.404392919					
O43396	0.3581	3.3142671	TXNL1_HUMAN	Thioredoxin-like protein 1 TXNL1	2.281380788					
P52292	0.4819	3.3112431	IMA1_HUMAN	Importin subunit alpha-1 KPNA2	3.033794202					
P25788	-0.4621	3.3108331	PSA3_HUMAN	Proteasome subunit alpha-type-3 PSMA3	0.344360632					
P00367	-0.3771	3.3062821	DHE3_HUMAN	Glutamate dehydrogenase 1, mitochondrial GLUD1	0.419555108					
P42677	-0.3901	3.3012191	RS27_HUMAN	Small ribosomal subunit protein RPS27	0.407378652					
Q8NC56	0.4196	3.2989141	LEMD2_HUMAN	LEM domain-containing protein 2 LEMD2	2.62792107					
Q9NS69	-0.4241	3.2933701	TOM22_HUMAN	Mitochondrial import receptor subunit TOMM22	0.376598171					
Q9UHD1	-0.8171	3.2879681	CHRD1_HUMAN	Cysteine and histidine-rich domain-containing CHORDC1	0.152103381					
P06703	1.8055	3.2835421	S10A6_HUMAN	Protein S100-A6 S100A6	63.90250603					
P48163	1.5509	3.2825501	MAOX_HUMAN	NADP-dependent malic enzyme MAO	35.55525109					
Q14197	0.3350	3.2800901	ICT1_HUMAN	Large ribosomal subunit protein MRPL58	2.16316825					
O60841	-0.5281	3.2758941	IF2P_HUMAN	Eukaryotic translation initiation factor 2P EIF5B	0.296000033					
Q9BZZ5	-0.9271	3.2707761	API5_HUMAN	Apoptosis inhibitor 5 API5	0.118166043					
Q9UNN8	0.3935	3.2648261	EPCR_HUMAN	Endothelial protein C receptor PROCR	2.474720506					
O60216	-0.7131	3.2597621	RAD21_HUMAN	Double-strand-break repair protein RAD21	0.193612172					
P35658	-0.9811	3.2575471	NU214_HUMAN	Nuclear pore complex protein Nu214 NUP214	0.104408175					
Q9Y399	-0.4071	3.2536241	RT02_HUMAN	Small ribosomal subunit protein MRPS2	0.391006094					
Q15075	0.9889	3.2468721	EEA1_HUMAN	Early endosome antigen 1 EEA1	9.748548507					
P60900	-0.5061	3.2438601	PSA6_HUMAN	Proteasome subunit alpha type-6 PSMA6	0.311650180					

P43034	0.6381	3.242856	LIS1_HUMAN	Platelet-activating factor acetylhydrolase 1	PAFAH1B1	4.346750202
P84243	-0.615	3.233374	H33_HUMAN	Histone H3.3	H3-3A; H3-3B	0.242302964
P23921	-0.902	3.231058	RIR1_HUMAN	Ribonucleoside-diphosphate reductase, mitochondrial	RRM1	0.125234521
P55795	0.5025	3.230432	HNRH2_HUMAN	Heterogeneous nuclear ribonucleoprotein H2	HNRNPH2	3.180634483
O43670	-0.376	3.217259	ZN207_HUMAN	BUB3-interacting and GLEBS motif-containing protein 1	ZNF207	0.420104680
Q70UQ0	0.8998	3.216852	IKIP_HUMAN	Inhibitor of nuclear factor kappa-B kinase epsilon subunit	IKBIP	7.940094477
Q9NY61	0.4671	3.213640	AATF_HUMAN	Protein AATF	AATF	2.932056758
Q969H8	-0.507	3.211730	MYDGF_HUMAN	Myeloid-derived growth factor	MYDGF	0.310989533
P35249	0.2933	3.207350	RFC4_HUMAN	Replication factor C subunit 4	RFC4	1.964843751
P09455	-0.495	3.207100	RET1_HUMAN	Retinol-binding protein 1	RBP1	0.319478840
Q13162	-0.344	3.205040	PRDX4_HUMAN	Peroxiredoxin-4	PRDX4	0.452482516
Q15528	0.8778	3.201395	MED22_HUMAN	Mediator of RNA polymerase II transcription complex subunit 22	MED22	7.548429739
P49915	-0.559	3.200922	GUAA_HUMAN	GMP synthase [glutamine-hydrolyzing] protein	GMPS	0.276007398
Q86T82	2.0095	3.199459	UBP37_HUMAN	Ubiquitin carboxyl-terminal hydrolase L1	USP37	102.2235321
Q8IXK0	0.4790	3.194251	PHC2_HUMAN	Polyhomeotic-like protein 2	PHC2	3.013564165
Q9Y3A6	0.6045	3.191235	TMED5_HUMAN	Transmembrane emp24 domain-containing protein 5	TMED5	4.022841114
Q8IYB3	0.3936	3.190108	SRRM1_HUMAN	Serine/arginine repetitive matrix protein 1	SRRM1	2.475323415
P35580	-0.420	3.188768	MYH10_HUMAN	Myosin-10	MYH10	0.379355542
Q9Y2B0	-0.349	3.187814	CNPY2_HUMAN	Protein canopy homolog 2	CNPY2	0.447629317
Q09028	0.3350	3.178129	RBBP4_HUMAN	Histone-binding protein RBBP4	RBBP4	2.162725545
P06748	0.7448	3.172952	NPM1_HUMAN	Nucleophosmin	NPM1	5.556984431
P10515	-0.335	3.169727	ODP2_HUMAN	Dihydrolipooyllysine-residue acetyltransferase 2	DLAT	0.461489729
P31942	0.3486	3.169056	HNRH3_HUMAN	Heterogeneous nuclear ribonucleoprotein H3	HNRNPH3	2.231527365
Q15046	-0.670	3.162407	SYK_HUMAN	Lysine-tRNA ligase	KARS1	0.213440516
Q14258	-0.606	3.161773	TRIM25_HUMAN	E3 ubiquitin/ISG15 ligase TRIM25	TRIM25	0.247739382
Q14204	-0.935	3.161162	DYHC1_HUMAN	Cytoplasmic dynein 1 heavy chain 1	DYNC1H1	0.115900831
Q14203	0.3217	3.160943	DCTN1_HUMAN	Dynactin subunit 1	DCTN1	2.09793794
P84098	-0.392	3.157745	RPL19_HUMAN	Large ribosomal subunit protein 19	RPL19	0.405061655
P61326	-0.711	3.152435	MGN_HUMAN	Protein mago nashi homolog	MAGO	0.194277889
O00330	0.4400	3.151374	ODPX_HUMAN	Pyruvate dehydrogenase protein	PDHX	2.754429069
Q86VM9	0.5941	3.150612	ZCH18_HUMAN	Zinc finger CCCH domain-containing protein 18	ZC3H18	3.927662688
Q9P035	-0.587	3.146744	HACD3_HUMAN	Very-long-chain (3R)-3-hydroxyacyl-CoA thioesterase 3	HACD3	0.258528607
Q9HCN8	0.4017	3.145935	SDF2L_HUMAN	Stromal cell-derived factor 2-like 1	SDF2L1	2.52198659
P14868	-0.507	3.135293	SYDC_HUMAN	Aspartate-tRNA ligase, cytoplasmic	DARS1	0.310986151
Q15008	-0.299	3.127920	PSMD6_HUMAN	26S proteasome non-ATPase regulatory subunit 6	PSMD6	0.501942466
Q15435	-0.868	3.126543	PPP1R7_HUMAN	Protein phosphatase 1 regulator 7	PPP1R7	0.135494791
Q6UN15	0.5325	3.121469	FIP1_HUMAN	Pre-mRNA 3'-end-processing factor 1	FIP1L1	3.408132863
P51398	-0.483	3.116870	RT29_HUMAN	Small ribosomal subunit protein S29	DAP3	0.328167931
P12004	-0.333	3.111141	PCNA_HUMAN	Proliferating cell nuclear antigen	PCNA	0.463829912
Q86UD0	4.2717	3.106125	SAPC2_HUMAN	Suppressor APC domain-containing protein 2	SAPCD2	18695.2144
P18846	0.6174	3.098036	ATF1_HUMAN	Cyclic AMP-dependent transcription factor 1	ATF1	4.144579361
O95816	0.4688	3.086962	BAG2_HUMAN	BAG family molecular chaperone 2	BAG2	2.943220095
O94925	-0.414	3.086895	GLSK_HUMAN	Glutaminase kidney isoform, mitochondrial	GLS	0.385113488
P30613	-0.427	3.081574	KPYR_HUMAN	Pyruvate kinase PKLR	PKLR	0.373795994
P25786	-0.315	3.078184	PSA1_HUMAN	Proteasome subunit alpha type-1	PSMA1	0.483406401
P00505	-0.402	3.078070	AATM_HUMAN	Aspartate aminotransferase, mitochondrial	GOT2	0.395639817
P62888	-0.363	3.077358	RL30_HUMAN	Large ribosomal subunit protein L30	RPL30	0.432862735
P83731	-0.265	3.075398	RL24_HUMAN	Large ribosomal subunit protein L24	RPL24	0.542907944
P98175	0.4274	3.069972	RBMI0_HUMAN	RNA-binding protein 10	RBM10	2.675754411
Q00059	0.3999	3.068886	TFAM_HUMAN	Transcription factor A, mitochondrial	TFAM	2.511870775

Q8WTV0	0.3348	3.068647	SCRB1_HUMAN	Scavenger receptor class B member 1	SCARB1	2.162215533					
O75683	0.3610	3.059508	SURF6_HUMAN	Surfeit locus protein 6	SURF6	2.296312802					
O43491	-0.5223	3.057185	E41L2_HUMAN	Band 4.1-like protein 2	EPB41L2	0.300022247					
P26358	-1.0773	3.055676	DNMT1_HUMAN	DNA (cytosine-5)-methyltransferase 1	DNMT1	0.083734093					
Q6FI81	-0.2954	3.049019	CPIN1_HUMAN	Anamorsin	CIAPIN1	0.506491373					
Q9UBQ5	-0.4423	3.043067	EIF3K_HUMAN	Eukaryotic translation initiation factor 3 subunit K	EIF3K	0.360796073					
Q5JRX3	0.5355	3.042502	PREP_HUMAN	Presequence protease, mitochondrial	PITRM1	3.431803296					
Q8ETS9	1.1822	3.040849	RM52_HUMAN	Large ribosomal subunit protein 52	MRPL52	15.21475218					
Q02818	0.3906	3.038477	NUCB1_HUMAN	Nucleobindin-1	NUCB1	2.458466869					
P46778	-0.5349	3.027749	(RL21_HUMAN	Large ribosomal subunit protein 21	RPL21	0.291755507					
O43709	0.4780	3.026898	(BUD23_HUMAN	Probable 18S rRNA (guanine-N-methyltransferase 23)	BUD23	3.006363105					
Q969X1	0.8976	3.026397	LFG3_HUMAN	Protein lifeguard 3	TMBIM1	7.901006644					
O00505	-0.4573	3.023600	IMA4_HUMAN	Importin subunit alpha-4	KPNA3	0.348665173					
P60228	-0.6863	3.019862	EIF3E_HUMAN	Eukaryotic translation initiation factor 3 subunit E	EIF3E	0.205726126					
Q92598	-0.5753	3.013526	(HS105_HUMAN	Heat shock protein 105 kDa	HSPH1	0.265886763					
P61956	-0.3183	3.010567	(SUMO2_HUMAN	Small ubiquitin-related modifier 2	SUMO2	0.480578521					
Q15233	-0.5003	3.005092	(NONO_HUMAN	Non-POU domain-containing octopus gene 1	NONO	0.316170733					
P07355	0.7396	3.004861	(ANXA2_HUMAN	Annexin A2	ANXA2	5.491085209					
P11166	0.4245	3.004540	(ANXA2_HUMAN	Annexin A2	ANXA2	2.658239255					
P07814	-0.5533	3.000867	(SYEP_HUMAN	Bifunctional glutamate/proline-tRNA ligase	EPRS1	0.279455098					
Q8NC51	0.3850	2.999652	SERBP1_HUMAN	SERPINE1 mRNA-binding protein 1	SERBP1	2.427148396					
Q8WZA9	1.5061	2.995053	IRGQ_HUMAN	Immunity-related GTPase family member 1	IRGQ	32.07029811					
P28799	-0.3822	2.990770	GRN_HUMAN	Progranulin	GRN	0.414777573					
Q03252	0.2466	2.987930	(LMNB2_HUMAN	Lamin-B2	LMNB2	1.764694601					
P01111	0.3317	2.984217	RASN_HUMAN	GTPase NRas	NRAS	2.146523315					
Q15005	0.4064	2.981866	(SPCS2_HUMAN	Signal peptidase complex subunit 2	SPCS2	2.549419539					
P12236	-0.2952	2.980933	ADT3_HUMAN	ADP/ATP translocase 3	SLC25A6	0.506682498					
P48506	1.6831	2.978408	GSH1_HUMAN	Glutamate--cysteine ligase catalytic subunit	GCLC	48.21280985					
Q71DI3	2.4697	2.973349	H32_HUMAN	Histone H3.2	H3C15; H3C14; H3C13	294.9847673					
P51970	0.2814	2.969327	NDUA8_HUMAN	NADH dehydrogenase [ubiquinone] 8	NDUFA8	1.911882082					
O75381	0.3036	2.962874	PEX14_HUMAN	Peroxisomal membrane protein 14	PEX14	2.012332758					
Q15004	-0.4092	2.961743	PAF15_HUMAN	PCNA-associated factor 15	PCLAF	0.389503735					
P62304	-0.4902	2.961282	RUXE_HUMAN	Small nuclear ribonucleoprotein RUXE	SNRPE	0.323013294					
P38159	0.3308	2.960132	RBMX_HUMAN	RNA-binding motif protein, X chromosome	RBMX	2.142019632					
Q9NYL9	0.3216	2.956319	(TMOD3_HUMAN	Tropomodulin-3	TMOD3	2.097059037					
P78386	2.9541	2.955704	KRT85_HUMAN	Keratin, type II cuticular Hb5	KRT85	899.7930555					
P78385	2.9541	2.955704	KRT83_HUMAN	Keratin, type II cuticular Hb3	KRT83	899.7930555					
O43790	2.9541	2.955704	KRT86_HUMAN	Keratin, type II cuticular Hb6	KRT86	899.7930555					
Q14533	2.9541	2.955704	KRT81_HUMAN	Keratin, type II cuticular Hb1	KRT81	899.7930555					
Q7Z3Y9	2.6491	2.951562	K1C26_HUMAN	Keratin, type I cytoskeletal 26	KRT26	445.7889375					
P52926	0.6331	2.949010	HMGAA2_HUMAN	High mobility group protein HMGAA2	HMGAA2	4.29675222					
Q99594	-0.5482	2.945430	TEAD3_HUMAN	Transcriptional enhancer factor 3	TEAD3	0.282931192					
Q15561	-0.5482	2.945430	TEAD4_HUMAN	Transcriptional enhancer factor 4	TEAD4	0.282931192					
P28347	-0.5482	2.945430	TEAD1_HUMAN	Transcriptional enhancer factor 1	TEAD1	0.282931192					
Q15562	-0.5482	2.945430	TEAD2_HUMAN	Transcriptional enhancer factor 2	TEAD2	0.282931192					
P78329	1.7934	2.941395	CP4F2_HUMAN	Cytochrome P450 4F2	CYP4F2	62.15788477					
Q9HBI6	1.7934	2.941395	CP4FB_HUMAN	Cytochrome P450 4F11	CYP4F11	62.15788477					
Q8NBJ5	-0.5351	2.940731	GT251_HUMAN	Procollagen galactosyltransferase 1	COLGALT1	0.291259471					
P01112	0.3526	2.937021	RASH_HUMAN	GTPase HRas	HRAS	2.252507953					
Q00325	-0.2972	2.930218	S25A3_HUMAN	Solute carrier family 25 member 3	SLC25A3	0.504522992					

Q9H5V8	0.3738	2.927941	CDCP1_HUMA	CUB domain-containing protein	CDCP1	2.365262411					
Q15388	0.3935	2.925415	TOM20_HUMA	Mitochondrial import receptor su	TOMM20	2.475092687					
P60866	0.2897	2.925048	RS20_HUMAN	Small ribosomal subunit protein	RPS20	1.948659428					
Q7L0Y3	-0.408	2.923515	TM10C_HUMA	tRNA methyltransferase 10 hom	TRMT10C	0.390451156					
Q9BVJ6	0.3123	2.915465	UT14A_HUMAN	U3 small nucleolar RNA-associat	UTP14A	2.052943906					
Q96GQ7	-0.709	2.914449	DDX27_HUMAN	Probable ATP-dependent RNA helicase	DDX27	0.195205816					
P63244	-0.556	2.914083	RACK1_HUMA	Small ribosomal subunit protein	RACK1	0.277563104					
P62753	-0.373	2.908200	RS6_HUMAN	Small ribosomal subunit protein	RPS6	0.423520997					
O43920	0.5748	2.903920	NDUS5_HUMA	NADH dehydrogenase [ubiquinol] 5	NDUFS5	3.756986115					
Q9BV68	-0.502	2.903404	RN126_HUMAN	E3 ubiquitin-protein ligase	RNF126	0.314747125					
P25205	-0.514	2.899471	MCM3_HUMAN	DNA replication licensing factor	MCM3	0.305538022					
Q15717	-0.400	2.897738	ELAV1_HUMAN	ELAV-like protein 1	ELAVL1	0.397627344					
O14653	0.3612	2.891652	GOSR2_HUMA	Golgi SNAP receptor complex m	GOSR2	2.297490038					
Q9HBM6	0.3636	2.890069	TAF9B_HUMAN	Transcription initiation factor TFI	TAF9B	2.310050265					
P31946	-0.390	2.889842	I433B_HUMAN	14-3-3 protein beta/alpha	YWHA <sub>B</sub>	0.407229436					
P09669	0.2797	2.883707	COX6C_HUMAN	Cytochrome c oxidase subunit 6	COX6C	1.90446483					
O43869	0.5164	2.883679	OR2T1_HUMAN	Olfactory receptor 2T1	OR2T1	3.284261505					
Q8NH04	0.5164	2.883679	O2T27_HUMAN	Homo sapiens (Human)	OR2T27	3.284261505					
Q9ULX6	0.2611	2.876589	AKP8L_HUMA	AKAP8L kinase anchor protein 8-like	AKAP8L	1.824368786					
O95292	0.2812	2.873737	VAPB_HUMAN	Vesicle-associated membrane protein A	VAPB	1.91092191					
P27824	0.6718	2.873416	CALX_HUMAN	Calnexin	CANX	4.696782368					
P78344	0.5677	2.865721	IF4G2_HUMAN	Eukaryotic translation initiation factor 4G2	EIF4G2	3.696023807					
O75934	0.4710	2.858969	SPF27_HUMAN	Pre-mRNA-splicing factor SPF27	BCAS2	2.958610042					
P16403	0.5034	2.858359	H12_HUMAN	Histone H1.2	H1-2	3.187479035					
Q86U42	0.2673	2.853988	PABP2_HUMAN	Polyadenylate-binding protein 2	PABPN1	1.850773562					
P62857	-0.258	2.842983	RS28_HUMAN	Small ribosomal subunit protein	RPS28	0.551160518					
Q9Y291	0.5343	2.839766	RT33_HUMAN	Small ribosomal subunit protein	MRPS33	3.422300077					
O75251	-0.403	2.839657	NDUS7_HUMA	NADH dehydrogenase [ubiquinol] 7	NDUFS7	0.395062768					
Q9H2U2	-0.330	2.839234	IPYR2_HUMAN	Inorganic pyrophosphatase 2, m	PPA2	0.466827860					
P23284	-0.239	2.835319	PPIB_HUMAN	Peptidyl-prolyl cis-trans isomerase	PPIB	0.575591991					
O95817	0.3935	2.835145	BAG3_HUMAN	BAG family molecular chaperone	BAG3	2.474795285					
P13929	-0.266	2.826457	ENOB_HUMAN	Beta-enolase	ENO3	0.541030439					
P62937	1.2043	2.825104	PPIA_HUMAN	Peptidyl-prolyl cis-trans isomerase A	PPIA	16.00779375					
Q13243	0.2531	2.819708	SRSF5_HUMAN	Serine/arginine-rich splicing factor 5	SRSF5	1.791221073					
Q13158	0.4096	2.816856	FADD_HUMAN	FAS-associated death domain protein	FADD	2.568129284					
P22392	-0.265	2.815582	NDKB_HUMAN	Nucleoside diphosphate kinase B	NME2	0.542774113					
O00566	0.4881	2.811685	MPP10_HUMAN	U3 small nucleolar ribonucleoprotein	MPHOSPH10	3.07703434					
P37837	-0.720	2.811007	TALDO_HUMAN	Transaldolase	TALDO1	0.190245779					
P27708	-0.957	2.809564	PYR1_HUMAN	Multifunctional protein CAD	CAD	0.110361836					
P10606	0.2836	2.801040	COX5B_HUMAN	Cytochrome c oxidase subunit 5	COX5B	1.921575678					
Q9NQH7	-0.402	2.800934	XPP3_HUMAN	Xaa-Pro aminopeptidase 3	XPNPEP3	0.396129907					
Q14244	0.4008	2.799433	MAP7_HUMAN	Ensconsin	MAP7	2.516901833					
P29373	-0.502	2.795802	RABP2_HUMAN	Cellular retinoic acid-binding protein 2	CRABP2	0.314340413					
Q9NYF8	0.2451	2.793651	BCLF1_HUMAN	Bcl-2-associated transcription factor	BCLAF1	1.758569339					
P49585	0.3920	2.786802	PCY1A_HUMAN	Choline-phosphate cytidylyltransferase	PCYT1A	2.466288455					
P62306	-0.384	2.779779	RUXF_HUMAN	Small nuclear ribonucleoprotein RNP-1	SNRPF	0.412520017					
Q9NSD9	-0.451	2.779134	SYFB_HUMAN	Phenylalanine-tRNA ligase beta	FARS2	0.353556228					
P30084	-0.300	2.777498	ECHM_HUMAN	Enoyl-CoA hydratase, mitochondrial	ECHS1	0.500124399					
Q9BXV0	-0.541	2.772506	MAK16_HUMAN	Protein MAK16 homolog	MAK16	0.287559136					
P26639	-0.754	2.770906	SYTC_HUMAN	Threonine-tRNA ligase 1, cytoplasmic	TARS1	0.175966697					

P22087	-0.449	2.767702	FBRL_HUMAN	rRNA 2'-O-methyltransferase fib	FBL	0.355207895
P12081	-0.436	2.764174	HARS1_HUMAN	Histidine-ttRNA ligase, cytoplas	HARS1	0.366154604
Q99471	-0.387	2.754240	PFD5_HUMAN	Prefoldin subunit 5	PFDN5	0.410148155
P15151	0.6079	2.742877	PVR_HUMAN	Poliovirus receptor	PVR	4.054910408
O14818	-0.424	2.742510	PSA7_HUMAN	Proteasome subunit alpha type-1	PSMA7	0.376485921
Q10567	-0.542	2.739275	AP1B1_HUMAN	AP-1 complex subunit beta-1	AP1B1	0.287037981
P61163	-0.898	2.737192	ACTZ_HUMAN	Alpha-actrinactin	ACTR1A	0.126470014
O75131	-0.505	2.728903	CPNE3_HUMAN	Copine-3	CPNE3	0.312303096
Q92841	-0.364	2.728757	DDX17_HUMAN	Probable ATP-dependent RNA helicase DDX17		0.431717758
P07237	-0.671	2.721943	PDIA1_HUMAN	Protein disulfide-isomerase	P4HB	0.212938069
Q16543	-0.300	2.721041	CDC37_HUMAN	Hsp90 co-chaperone Cdc37	CDC37	0.500531875
Q15366	-0.277	2.7119934	PCBP2_HUMAN	Poly(rC)-binding protein 2	PCBP2	0.527727963
Q9BYC8	0.7080	2.7116244	RM32_HUMAN	Large ribosomal subunit protein	MRPL32	5.105338083
Q4G176	-0.596	2.708179	ACSF3_HUMAN	Malonate-CoA ligase ACSF3, mitochondrial	ACSF3	0.253338513
P49790	0.6518	2.708036	NU153_HUMAN	Nuclear pore complex protein Nup153	NUP153	4.486420537
P09972	-0.416	2.702898	ALDOC_HUMAN	Fructose-bisphosphate aldolase	ALDOC	0.383586481
Q14019	-0.285	2.702414	COTL1_HUMAN	Coactosin-like protein	COTL1	0.517999300
Q16850	-1.754	2.701577	CP51A_HUMAN	Lanosterol 14-alpha demethylase	CYP51A1	0.017593590
P52597	0.9924	2.700427	HNRPF_HUMAN	Heterogeneous nuclear ribonucleoprotein	HNRNPF	9.828149928
P62424	-0.566	2.697142	RL7A_HUMAN	Large ribosomal subunit protein	RPL7A	0.271380524
P36542	-0.265	2.696847	ATPG_HUMAN	ATP synthase subunit gamma, mitochondrial	nATP5F1C	0.543111955
O14893	0.8689	2.695470	GEMI2_HUMAN	Gem-associated protein 2	GEMIN2	7.395929454
Q15459	-0.565	2.694337	SF3A1_HUMAN	Splicing factor 3A subunit 1	SF3A1	0.272227680
P06493	-0.547	2.693825	CDK1_HUMAN	Cyclin-dependent kinase 1	CDK1	0.283231533
O75528	0.7136	2.671782	TADA3_HUMAN	Transcriptional adapter 3	TADA3	5.171930533
P09012	0.3360	2.669879	SNRPA_HUMAN	U1 small nuclear ribonucleoprotein	SNRPA	2.167976598
P14927	0.3716	2.669513	QCR7_HUMAN	Cytochrome b-c1 complex subunit 7	UQCRB	2.353003066
P68032	0.4237	2.663614	ACTC_HUMAN	Actin, alpha cardiac muscle 1	ACTC1	2.652853559
P62736	0.4237	2.663614	ACTA_HUMAN	Actin, aortic smooth muscle	ACTA2	2.652853559
P63267	0.4237	2.663614	ACTH_HUMAN	Actin, gamma-enteric smooth muscle	ACTG2	2.652853559
P32969	-0.390	2.6612511	RL9_HUMAN	Large ribosomal subunit protein	RPL9; RPL9P7;	0.407281318
O75534	-0.534	2.659121	CSDE1_HUMAN	Cold shock domain-containing protein	CSDE1	0.291792048
Q9UKV3	0.3167	2.657578	ACIN1_HUMAN	Apoptotic chromatin condensate	ACIN1	2.073952426
P05026	0.4044	2.654249	AT1B1_HUMAN	Sodium/potassium-transporting ATPase	ATP1B1	2.5375079
O43823	0.4300	2.650920	AKAP8_HUMAN	AKAP8_Human AKAP8_Human kinase anchor protein 8	AKAP8	2.69210375
Q9H0E9	0.9274	2.648416	BRD8_HUMAN	Bromodomain-containing protein 8	BRD8	8.461868208
Q96GY0	0.6886	2.648062	ZC21A_HUMAN	Zinc finger C2HC domain-containing protein	ZC2HC1A	4.882124947
P46459	-0.325	2.637045	NSF_HUMAN	Vesicle-fusing ATPase	NSF	0.472294298
O95400	0.4894	2.637008	CD2B2_HUMAN	CD2 antigen cytoplasmic tail-binding protein	CD2BP2	3.086550898
P55273	0.4173	2.636875	CDN2D_HUMAN	Cyclin-dependent kinase 4 inhibitor	CDKN2D	2.614319324
P20645	0.2743	2.636454	MPRD_HUMAN	Cation-dependent mannose-6-phosphate	M6PR	1.880955638
Q9BQ70	-1.243	2.636361	TCF25_HUMAN	Ribosome quality control complex	TCF25	0.057141042
Q8NEW0	1.7429	2.633242	ZNT7_HUMAN	Zinc transporter 7	SLC30A7	55.33037237
P01893	0.3265	2.628863	HLA-H_HUMAN	Putative HLA class I histocompatibility antigen	HLA-H	2.121177994
Q14108	0.4407	2.619254	SCRB2_HUMAN	Lysosome membrane protein 2	SCARB2	2.758986828
P08648	0.3995	2.618866	IT45_HUMAN	Integrin alpha-5	ITGA5	2.509453467
Q9NV96	0.6925	2.615387	CC50A_HUMAN	Cell cycle control protein 50A	TMEM30A	4.92660587
P02647	2.9833	2.612008	APOA1_HUMAN	Apolipoprotein A-I	APOA1	962.298199
P31350	-0.603	2.610938	RIR2_HUMAN	Ribonucleoside-diphosphate reductase	RRM2	0.249405092
O14974	0.3940	2.610317	MYPT1_HUMAN	Protein phosphatase 1 regulator	PPP1R12A	2.47789348

Q8NFH3	0.2889	2.601816	NUP43_HUMAN	Nucleoporin Nup43	NUP43	1.945035624					
P25440	0.5004	2.600738	BRD2_HUMAN	Bromodomain-containing protein 2	BRD2	3.165324629					
Q9UFW8	0.3299	2.599082	CGBP1_HUMAN	CGG triplet repeat-binding protein 1	CGBP1	2.137614452					
O95167	-0.377	2.597973	NDUA3_HUMAN	NADH dehydrogenase [ubiquinone] 3	NDUA3	0.419602728					
Q9UIJ7	0.3660	2.597734	KAD3_HUMAN	GTP:AMP phosphotransferase A	AK3	2.322932301					
P04083	0.2197	2.594009	ANXA1_HUMAN	Annexin A1	ANXA1	1.658482476					
O15014	0.7245	2.592618	ZN609_HUMAN	Zinc finger protein 609	ZNF609	5.303557076					
P49459	0.3016	2.592082	UBE2A_HUMAN	Ubiquitin-conjugating enzyme E2A	UBE2A	2.002873313					
P00390	0.4053	2.591613	GSHR_HUMAN	Glutathione reductase, mitochondrial	GSR	2.543210061					
Q562R1	-0.863	2.588382	ACTBL_HUMAN	Beta-actin-like protein 2	ACTBL2	0.136949685					
Q9ULV4	-0.957	2.587890	COR1C_HUMAN	Coronin-1C	CORO1C	0.110402543					
Q01081	0.3499	2.587657	U2AF1_HUMAN	Splicing factor U2AF 35 kDa subunit	U2AF1	2.238338594					
Q8NBJ7	-0.265	2.585405	SUMF2_HUMAN	Inactive C-alpha-formylglycine-generating enzyme	SUMF2	0.542684894					
Q16531	-0.392	2.584076	DDB1_HUMAN	DNA damage-binding protein 1	DDB1	0.404677414					
P22626	0.2725	2.584065	ROA2_HUMAN	Heterogeneous nuclear ribonucleoprotein A2	HNRNPA2B1	1.873116157					
Q96S52	1.3866	2.583807	PIGS_HUMAN	GPI transamidase component P	PIGS	24.35762276					
Q9BT09	-0.702	2.583025	CNPY3_HUMAN	Protein canopy homolog 3	CNPY3	0.198256930					
O96000	0.3276	2.579618	NDUBA_HUMAN	NADH dehydrogenase [ubiquinone] 1	NDUFB10	2.126200779					
P33992	-0.9117	2.577422	MCM5_HUMAN	DNA replication licensing factor 5	MCM5	0.122530935					
O43665	-0.360	2.575150	RGS10_HUMAN	Regulator of G-protein signaling 10	RGS10	0.436225500					
Q99828	0.8547	2.574003	CIB1_HUMAN	Calcium and integrin-binding protein 1	CIB1	7.157024601					
P50750	0.2668	2.570954	CDK9_HUMAN	Cyclin-dependent kinase 9	CDK9	1.848675135					
Q9NYV4	0.2668	2.570954	CDK12_HUMAN	Cyclin-dependent kinase 12	CDK12	1.848675135					
Q969Y2	0.5612	2.567608	GTPBP3_HUMAN	tRNA modification GTPase GTPBP3	GTPBP3	3.641338249					
Q6P5R6	0.2986	2.566575	F8WDK8_HUMAN	Ribosomal protein L22 like 1	RPL22L1	1.988906866					
P34932	-0.382	2.564535	HSP74_HUMAN	Heat shock 70 kDa protein 4	HSPA4	0.414298263					
P22102	-0.557	2.559244	PUR2_HUMAN	Trifunctional purine biosynthetic enzyme	GART	0.276880761					
Q9Y639	0.3138	2.553507	NPTN_HUMAN	Neuroplastin	NPTN	2.059754228					
P22307	0.2576	2.549953	SCP2_HUMAN	Sterol carrier protein 2	SCP2	1.809784482					
P15311	-0.800	2.547937	EZR_HUMAN	Ezrin	EZR	0.158424424					
Q96EU6	-0.554	2.545840	RRP36_HUMAN	Ribosomal RNA processing protein RRP36	RRP36	0.278789564					
P08174	0.6158	2.542921	DAF_HUMAN	Complement decay-accelerating protein	CD55	4.129099773					
Q9Y5L4	-0.254	2.541339	TIM13_HUMAN	Mitochondrial import inner membrane protein 13	TIMM13	0.556783337					
P54317	0.3743	2.541122	LIPR2_HUMAN	Pancreatic lipase-related protein 2	LIPR2	2.367726691					
P60604	0.4200	2.540883	UB2G2_HUMAN	Ubiquitin-conjugating enzyme E2B	UBE2G2	2.630834285					
P18754	-0.421	2.540564	RCC1_HUMAN	Regulator of chromosome condensation 1	RCC1	0.379304327					
P04075	-0.597	2.530131	ALDOA_HUMAN	Fructose-bisphosphate aldolase	ALDOA	0.252769487					
O00151	-0.256	2.526725	PDLI1_HUMAN	PDZ and LIM domain protein 1	PDLIM1	0.553732686					
P33778	1.0496	2.524602	H2B1B_HUMAN	Histone H2B type 1-B	H2BC3	11.21030367					
P57053	1.0496	2.524602	H2BFS_HUMAN	Histone H2B type F-S	H2BC12L	11.21030367					
O60814	1.0496	2.524602	H2B1K_HUMAN	Histone H2B type 1-K	H2BC12	11.21030367					
P58876	1.0496	2.524602	H2B1D_HUMAN	Histone H2B type 1-D	H2BC5	11.21030367					
Q5T8P6	0.2424	2.518967	RBM26_HUMAN	RNA-binding protein 26	RBM26	1.747771596					
Q8N135	2.0590	2.518711	LGI4_HUMAN	Leucine-rich repeat LGI family member 4	LGI4	114.5755548					
P62277	-0.257	2.511595	RS13_HUMAN	Small ribosomal subunit protein S13	RPS13	0.552095308					
P08195	1.0388	2.511483	F42_HUMAN	Amino acid transporter heavy chain 42	SLC3A2	10.93556879					
Q92546	-1.428	2.510408	RGP1_HUMAN	RAB6A-GEF complex partner protein 1	RGP1	0.037239470					
Q16563	0.3128	2.507054	SYPL1_HUMAN	Synaptophysin-like protein 1	SYPL1	2.054969749					
Q9NQ50	0.2794	2.505722	RM40_HUMAN	Large ribosomal subunit protein 40	MRPL40	1.903075977					
Q86X55	-1.229	2.505320	CARM1_HUMAN	Histone-arginine methyltransferase 1	CARM1	0.058948773					

P30050	-0.238	2.504405	RL12_HUMAN	Large ribosomal subunit protein RL12	0.577740935				
P35244	-0.878	2.503393	RFA3_HUMAN	Replication protein A 14 kDa subunit RPA3	0.132157076				
Q5T9L3	-0.943	2.500991	WLS_HUMAN	Protein wntless homolog WLS	0.113883502				
Q16778	1.0712	2.497195	H2B2E_HUMAN	Histone H2B type 2-E	H2BC21	11.78290383			
P06899	1.0712	2.497195	H2B1J_HUMAN	Histone H2B type 1-J	H2BC11	11.78290383			
P23527	1.0712	2.497195	H2B1O_HUMAN	Histone H2B type 1-O	H2BC17	11.78290383			
P62807	1.0712	2.497195	H2B1C_HUMAN	Histone H2B type 1-C/E/F/G/I	H2BC4; H2BC6	11.78290383			
Q93079	1.0712	2.497195	H2B1H_HUMAN	Histone H2B type 1-H	H2BC9	11.78290383			
Q9UK76	-0.488	2.497135	JUPI1_HUMAN	Jupiter microtubule associated protein JPT1		0.324652491			
Q14671	-0.758	2.493142	PUM1_HUMAN	Pumilio homolog 1 PUM1		0.174336586			
P35579	-0.872	2.492724	MYH9_HUMAN	Myosin-9 MYH9		0.133969810			
O75439	-0.242	2.491782	MPPB_HUMAN	Mitochondrial-processing peptidase MPPC		0.572675926			
Q9Y3D7	0.3681	2.489210	TIM16_HUMAN	Mitochondrial import inner membrane protein TIM16	PAM16	2.334206532			
O14737	-0.342	2.486532	PDCD5_HUMAN	Programmed cell death protein 5 PDCD5		0.454683209			
P63167	-0.755	2.481193	DYL1_HUMAN	Dynein light chain 1, cytoplasmic DYNLL1		0.175436348			
Q9NX63	0.2245	2.479419	MIC19_HUMAN	MICOS complex subunit MIC19	CHCHD3	1.677069034			
Q9BSY4	-0.983	2.478893				0.103883382			
P56182	0.4858	2.475310	RRP1_HUMAN	Ribosomal RNA processing protein RRP1		3.060649424			
P46776	-0.253	2.473979	RL27A_HUMAN	Large ribosomal subunit protein RPL27A		0.557439150			
P31939	-0.716	2.473780	PUR9_HUMAN	Bifunctional purine biosynthesis enzyme ATIC		0.192071185			
Q9UK22	0.3724	2.472687	FBX2_HUMAN	F-box only protein 2 FBXO2		2.357706838			
Q9H410	0.5404	2.463778	DSN1_HUMAN	Kinetochore-associated protein DSN1		3.471303235			
Q99497	-0.264	2.463196	PARK7_HUMAN	Parkinson disease protein 7 PARK7		0.544111748			
Q4VC05	0.5408	2.462777	BCL7A_HUMAN	B-cell CLL/lymphoma 7 protein BCL7A		3.474432486			
Q9C0J8	-0.602	2.462566	WDR33_HUMAN	pre-mRNA 3' end processing protein WDR33		0.250027165			
Q969Q0	-0.269	2.462087	RL36L_HUMAN	Ribosomal protein eL42-like RPL36AL		0.537680777			
Q04941	0.3054	2.462001	PLP2_HUMAN	Proteolipid protein 2 PLP2		2.020424411			
P61254	-0.372	2.455231	RL26_HUMAN	Large ribosomal subunit protein RPL26		0.424342636			
Q7Z6E9	2.5398	2.453071	RBBP6_HUMAN	E3 ubiquitin-protein ligase RBBP6		346.6174213			
Q92520	-0.265	2.452353	FAM3C_HUMAN	Protein FAM3C		0.542455500			
Q8WYQ5	0.6402	2.452109	DGCR8_HUMAN	Microprocessor complex subunit DGCR8		4.368005967			
P21333	-0.442	2.451705	FLNA_HUMAN	Filamin-A FLNA		0.361014994			
P13987	0.2257	2.449140	CD59_HUMAN	CD59 glycoprotein CD59		1.681703016			
O43776	-0.612	2.447858	SYNC_HUMAN	Asparagine-tRNA ligase, cytoplasmic NARS1		0.244005648			
P48729	-0.488	2.444976	KC1A_HUMAN	Casein kinase I isoform alpha CSNK1A1		0.324557341			
Q5T8D3	0.5092	2.443574	ACBD5_HUMAN	Acyl-CoA-binding domain-containing protein ACBD5		3.230639732			
P12235	-0.265	2.443149	ADT1_HUMAN	ADP/ATP translocase 1 SLC25A4		0.542303487			
P26196	-0.398	2.441288	DDX6_HUMAN	Probable ATP-dependent RNA helicase DDX6		0.399623844			
O43818	-0.388	2.439137	U3IP2_HUMAN	U3 small nucleolar RNA-interacting protein U3IP2	RRP9	0.408682595			
P54920	-0.597	2.435649	SNAI_HUMAN	Alpha-soluble NSF attachment protein SNAI	NAPA	0.252518390			
P28290	-0.519	2.435534	ITPI2_HUMAN	Protein ITPIR2	ITPRID2	0.302487851			
Q14166	-0.813	2.434033	TTL12_HUMAN	Tubulin--tyrosine ligase-like protein TTL12		0.153549896			
P04920	0.7887	2.428294	B3A2_HUMAN	Anion exchange protein 2 SLC4A2		6.148710803			
Q6UB35	-0.277	2.427808	C1TM_HUMAN	Monofunctional C1-tetrahydrofolate reductase MTHFD1L		0.527334687			
Q9BUJ2	-0.388	2.426091	HNRL1_HUMAN	Heterogeneous nuclear ribonucleoprotein HNRNPK	HNRNPUL1	0.408483381			
Q496H8	-1.371	2.424804	NRN1L_HUMAN	Neuritin-like protein NRN1L		0.042508427			
Q93050	0.3746	2.416609	VPP1_HUMAN	V-type proton ATPase 116 kDa subunit VPP1	ATP6V0A1	2.369215782			
Q9UBL6	-0.324	2.416322	CPNE7_HUMAN	Copine-7 CPNE7		0.473701514			
Q8IVT2	0.2290	2.409355	MISP_HUMAN	Mitotic interactor and substrate specific phosphoprotein MISP		1.694696658			
P33240	0.3325	2.405112	CSTF2_HUMAN	Cleavage stimulation factor subunit CSTF2		2.1505559917			

P62256	0.2755	2.403234	UBE2H_HUMAN	Ubiquitin-conjugating enzyme E2	UBE2H	1.886050352					
Q99877	1.1324	2.403014	H2B1N_HUMAN	Histone H2B type 1-N	H2BC15	13.56544975					
Q99879	1.1324	2.403014	H2B1M_HUMAN	Histone H2B type 1-M	H2BC14	13.56544975					
Q5QNW6	1.1324	2.403014	H2B2F_HUMAN	Histone H2B type 2-F	H2BC18	13.56544975					
Q99880	1.1324	2.403014	H2B1L_HUMAN	Histone H2B type 1-L	H2BC13	13.56544975					
P12268	-0.600	2.401266	IMDH2_HUMAN	Inosine-5'-monophosphate dehydrogenase	IMPDH2	0.250992337					
Q8WZ42	-0.311	2.387056	TITIN_HUMAN	Titin	TTN	0.488575362					
Q9Y6E2	-0.492	2.385845	5MP1_HUMAN	eIF5-mimic protein 1	BZW2	0.322041289					
Q86YP4	0.2472	2.384252	P66A_HUMAN	Transcriptional repressor p66-alp	GATAD2A	1.767132633					
P08574	0.3173	2.383594	CY1_HUMAN	Cytochrome c1, heme protein, m	CYC1	2.076417259					
P07384	-0.546	2.382323	CAN1_HUMAN	Calpain-1 catalytic subunit	CAPN1	0.284105669					
P48047	0.2073	2.376318	ATPO_HUMAN	ATP synthase subunit O, mitochondrial	ATP5PO	1.612096804					
Q3B7T1	-1.016	2.376168	EDRF1_HUMAN	Erythroid differentiation-related factor 1	EDRF1	0.096382158					
Q9BYD3	-1.271	2.369194	RM04_HUMAN	Large ribosomal subunit protein	MRPL4	0.053478273					
Q04323	-0.509	2.364702	UBXN1_HUMAN	UBX domain-containing protein 1	UBXN1	0.309620347					
P30086	-0.210	2.357882	PEBP1_HUMAN	Phosphatidylethanolamine-binding protein 1	PEBP1	0.616522527					
Q96PU4	-0.335	2.357187	UHRF2_HUMAN	E3 ubiquitin-protein ligase UHRF2	UHRF2	0.462024589					
Q9UJU6	-0.290	2.352683	DBNL_HUMAN	Drebrin-like protein	DBNL	0.512507761					
Q04837	0.4165	2.352230	SSBP_HUMAN	Single-stranded DNA-binding protein	SSBP1	2.609329372					
P13995	0.3053	2.349649	MTDC_HUMAN	Bifunctional methylenetetrahydrofolate dehydrogenase	MTHFD2	2.019803577					
Q92522	-0.276	2.344121	H1X_HUMAN	Histone H1.10	H1-10	0.528884111					
P29084	0.4204	2.338797	T2EB_HUMAN	Transcription initiation factor II E	GTF2E2	2.633112089					
P20042	0.2714	2.338214	IF2B_HUMAN	Eukaryotic translation initiation factor 2B	EIF2S2	1.868140303					
L0R8F8	0.6023	2.337532	MIDUO_HUMAN	Mitochondrial ribosome and complex	MIEF1	4.002648128					
P13284	0.5680	2.337230	GILT_HUMAN	Gamma-interferon-inducible lysosomal cathepsin	IFI30	3.698324121					
P15559	0.8851	2.334336	NQO1_HUMAN	NAD(P)H dehydrogenase [quinone]	NQO1	7.675989818					
Q9Y6C9	-0.397	2.330324	MTCH2_HUMAN	Mitochondrial carrier homolog 2	MTCH2	0.400572040					
Q8N7H5	0.5179	2.328260	PAF1_HUMAN	RNA polymerase II-associated factor 1	PAF1	3.29553936					
Q96FZ7	0.4085	2.325536	CHMP6_HUMAN	Charged multivesicular body protein 6	CHMP6	2.561854102					
Q9UNX3	-0.308	2.323231	RL26L_HUMAN	Ribosomal protein uL24-like	RPL26L1	0.491374434					
P33991	-0.531	2.321678	MCM4_HUMAN	DNA replication licensing factor 4	MCM4	0.293974053					
P61024	-1.092	2.320832	CKS1_HUMAN	Cyclin-dependent kinases regulatory subunit 1	CKS1B	0.080885015					
Q92667	-0.788	2.320430	AKAP1_HUMAN	A-kinase anchor protein 1, mitochondrial	AKAP1	0.162749722					
Q9ULX3	-0.397	2.316905	NOB1_HUMAN	RNA-binding protein NOB1	NOB1	0.400363785					
Q9UPT5	-0.959	2.316862	EXOC7_HUMAN	Exocyst complex component 7	EXOC7	0.109792160					
O15145	-0.525	2.313000	ARPC3_HUMAN	Actin-related protein 2/3 complex, subunit 3	ARPC3	0.298145951					
Q9UBB4	-0.416	2.311094	ATXN10_HUMAN	Ataxin-10	ATXN10	0.382925924					
P62249	-0.253	2.307776	RS16_HUMAN	Small ribosomal subunit protein S16	RPS16	0.557706231					
O15400	0.3075	2.307509	STX7_HUMAN	Syntaxin-7	STX7	2.030337832					
Q92900	-0.602	2.304072	RENT1_HUMAN	Regulator of nonsense transcripts	UPF1	0.249476816					
Q5JRA6	0.5150	2.299237				3.274103974					
Q9H7Z7	0.3898	2.296292	PGES2_HUMAN	Prostaglandin E synthase 2	PTGES2	2.453789744					
P07947	0.2323	2.295674	YES_HUMAN	Tyrosine-protein kinase Yes	YES1	1.707612255					
P49590	-0.334	2.293158	SYHM_HUMAN	Histidine-tRNA ligase, mitochondrial	HARS2	0.462930608					
P07858	-0.255	2.292177	CATB_HUMAN	Cathepsin B	CTSB	0.554667956					
Q9NYB9	0.3456	2.285465	ABI2_HUMAN	Abl interactor 2	ABI2	2.216251012					
P49419	-0.425	2.284842	AL7A1_HUMAN	Alpha-amino adipic semialdehyde dehydrogenase	ALDH7A1	0.375389807					
O14980	-0.447	2.283582	XPO1_HUMAN	Exportin-1	XPO1	0.356750286					
P24941	0.2111	2.282243	CDK2_HUMAN	Cyclin-dependent kinase 2	CDK2	1.626124162					
Q00526	0.2111	2.282243	CDK3_HUMAN	Cyclin-dependent kinase 3	CDK3	1.626124162					

P11586	-2.617	2.281348	C1TC_HUMAN	C-1-tetrahydrofolate synthase, c	MTHFD1	0.002414291
P63098	-1.077	2.280854	CANB1_HUMAN	Calcineurin subunit B type 1	PPP3R1	0.083717923
P62701	-0.304	2.280162	RS4X_HUMAN	Small ribosomal subunit protein	RPS4X	0.496120820
P16220	0.4961	2.278450	CREB1_HUMAN	Cyclic AMP-responsive element-	CREB1	3.134459574
P26006	0.2990	2.266498	ITGA3_HUMAN	Integrin alpha-3	ITGA3	1.990789906
Q96B36	-0.575	2.264791	AKTS1_HUMAN	Proline-rich AKT1 substrate 1	AKT1S1	0.266031214
P07339	0.2047	2.261145	CATD_HUMAN	Cathepsin D	CTSD	1.602263196
P05067	0.5483	2.260510	A4_HUMAN	Amyloid-beta precursor protein	APP	3.535015375
Q5VZE5	-0.966	2.258003	NAA35_HUMAN	N-alpha-acetyltransferase 35, N	NAA35	0.107924573
P42126	-0.313	2.257374	ECI1_HUMAN	Enoyl-CoA delta isomerase 1, m	ECI1	0.486371848
P49750	0.3489	2.251277	YLPM1_HUMAN	YLP motif-containing protein 1	YLPM1	2.233567867
P04040	-0.492	2.249534	CATA_HUMAN	Catalase	CAT	0.321720394
P15924	-0.410	2.249257	DESP_HUMAN	Desmoplakin	DSP	0.388919038
P55081	0.3942	2.249183	MFAP1_HUMAN	Microfibrillar-associated protein	MFAP1	2.478985137
Q13438	0.5408	2.239045	OS9_HUMAN	Protein OS-9	OS9	3.473910377
Q9Y2D5	0.7687	2.238960	PLAK2_HUMAN	PALM2-AKAP2 fusion protein	PALM2AKAP2	5.872085453
P61604	0.4738	2.236947	CH10_HUMAN	10 kDa heat shock protein, mitochondrial	HSPE1	2.977268298
O75525	0.2181	2.231937	KHDR3_HUMAN	KH domain-containing, RNA-bin	KHDRBS3	1.652578088
P05388	-0.328	2.227688	RLA0_HUMAN	Large ribosomal subunit protein	RPLP0	0.469364904
Q8NF91	-0.445	2.226022	SYNE1_HUMAN	Nesprin-1	SYNE1	0.358116144
O15305	-0.238	2.222785	PMM2_HUMAN	Phosphomannomutase 2	PMM2	0.577496394
O75533	-0.684	2.215611	SF3B1_HUMAN	Splicing factor 3B subunit 1	SF3B1	0.206625204
P62314	-0.235	2.214949	SMD1_HUMAN	Small nuclear ribonucleoprotein	SNRPD1	0.581942291
P62913	-0.311	2.210776	RPL11_HUMAN	Large ribosomal subunit protein	RPL11	0.487683242
Q92499	-0.797	2.209995	DDX1_HUMAN	ATP-dependent RNA helicase D	DDX1	0.159276760
P35080	-0.267	2.207015	PROF2_HUMAN	Profilin-2	PFN2	0.540482578
Q9Y5J9	-0.261	2.206933	TIM8B_HUMAN	Mitochondrial import inner memb	TIMM8B	0.547970791
O14639	-0.680	2.206346	ABLM1_HUMAN	Actin-binding LIM protein 1	ABLM1	0.208475142
P61247	-0.281	2.201729	RS3A_HUMAN	Small ribosomal subunit protein	RPS3A	0.522901815
P17568	0.1980	2.200265	NDUB7_HUMAN	NADH dehydrogenase [ubiquinone]	NDUFB7	1.577905039
P11766	-1.393	2.197711	ADHX_HUMAN	Alcohol dehydrogenase class-3	ADH5	0.040402702
Q9BTC0	0.5077	2.192833	DIDO1_HUMAN	Death-inducer obliterator 1	DIDO1	3.219444606
P17535	0.5525	2.190590	JUND_HUMAN	Transcription factor JunD	JUND	3.569039956
P38117	-0.293	2.190324	ETFB_HUMAN	Electron transfer flavoprotein sub	ETFB	0.508458899
P40227	-0.550	2.189605	TCPZ_HUMAN	T-complex protein 1 subunit zeta	CCT6A	0.281617699
Q9C0C2	0.6245	2.186747	TB182_HUMAN	182 kDa tankyrase-1-binding pro	TNKS1BP1	4.212225539
Q96NC0	0.2080	2.178623	ZMAT2_HUMAN	Zinc finger matrin-type protein 2	ZMAT2	1.614484898
Q9GZL7	-0.581	2.1756411	WDR12_HUMAN	Ribosome biogenesis protein W	WDR12	0.261897451
P10109	-0.236	2.173675	ADX_HUMAN	Adrenodoxin, mitochondrial	FDX1	0.579512044
Q01518	-0.515	2.173603	CAP1_HUMAN	Adenylyl cyclase-associated pro	CAP1	0.305249623
Q14696	-0.512	2.170287	MESD_HUMAN	LRP chaperone MESD	MESD	0.307526000
Q5UCC4	0.3853	2.167483	EMC10_HUMAN	ER membrane protein complex	EMC10	2.42883441
Q969G3	0.3171	2.167146	SMCE1_HUMAN	SWI/SNF-related matrix-associa	SMARCE1	2.075566106
P51151	0.4181	2.162897	RAB9A_HUMAN	Ras-related protein Rab-9A	RAB9A	2.6190853
Q07955	0.2258	2.159051	SRSF1_HUMAN	Serine/arginine-rich splicing fact	SRSF1	1.682049813
Q16891	-0.455	2.158460	MIC60_HUMAN	MICOS complex subunit MIC60	IMMT	0.350162528
Q9Y5B9	-0.248	2.156509	SP16H_HUMAN	FACT complex subunit SPT16	SUPT16H	0.563739193
P56537	-0.289	2.150863	EIF6_HUMAN	Eukaryotic translation initiation f	EIF6	0.513364629
Q9Y2R4	-1.441	2.150104	DDX52_HUMAN	Probable ATP-dependent RNA helicase	DDX52	0.036160962
Q96DH6	-0.802	2.148469	MSI2H_HUMAN	RNA-binding protein Musashi homolog	MSI2	0.157759379

Q15390	0.5409	2.145949	MTFR1_HUMAN	Mitochondrial fission regulator 1	MTFR1	3.475242862
Q14978	0.4743	2.140573	NOLC1_HUMAN	Nucleolar and coiled-body phosphoprotein 1	NOLC1	2.980752405
P60903	0.2200	2.133636	S10AA_HUMAN	Protein S100-A10	S100A10	1.659867188
P62081	-0.323	2.129535	RS7_HUMAN	Small ribosomal subunit protein 7	RPS7	0.475124286
Q7Z417	0.1777	2.126643	NUFP2_HUMAN	FMR1-interacting protein NUFIP2	NUFIP2	1.505783303
Q8IY67	-2.380	2.125432	RAVR1_HUMAN	Ribonucleoprotein PTB-binding 1	RAVER1	0.004168200
O15031	0.2811	2.123321	PLXB2_HUMAN	Plexin-B2	PLXNB2	1.910605013
P09496	-0.219	2.123195	CLCA_HUMAN	Clathrin light chain A	CLTA	0.603261857
Q2TAY7	-0.295	2.118293	SMU1_HUMAN	WD40 repeat-containing protein 1	SMU1	0.506772356
P32322	-0.292	2.118240	P5CR1_HUMAN	Pyrroline-5-carboxylate reductase 1	PYCR1	0.509615795
Q13557	-0.355	2.117580	KCC2D_HUMAN	Calcium/calmodulin-dependent kinase II delta	CAMK2D	0.441469685
O95365	0.6668	2.115517	ZBTB7A_HUMAN	Zinc finger and BTB domain-containing 7A	ZBTB7A	4.643390805
P83881	-0.277	2.109468	RL36A_HUMAN	Large ribosomal subunit protein 36A	RPL36A	0.528037184
Q7KZ85	-1.548	2.107340	SPT6H_HUMAN	Transcription elongation factor S	SUPT6H	0.028301301
Q13444	-0.257	2.106960	ADA15_HUMAN	Disintegrin and metalloproteinas	ADAM15	0.552928298
Q13405	0.2609	2.106609	RM49_HUMAN	Large ribosomal subunit protein 49	MRPL49	1.823827152
Q9H0H5	0.3286	2.106321	RGAP1_HUMAN	Rac GTPase-activating protein 1	RACGAP1	2.131279364
Q99714	-0.388	2.105191	HCD2_HUMAN	3-hydroxyacyl-CoA dehydrogenase	HSD17B10	0.408677410
P49411	-0.303	2.105060	EFTU_HUMAN	Elongation factor Tu, mitochondrial	TUFM	0.497624491
P54105	-0.219	2.104536	ICLN_HUMAN	Methylosome subunit pICln	CLNS1A	0.603916867
P53396	-0.719	2.099399	ACLY_HUMAN	ATP-citrate synthase	ACLY	0.190664197
P62280	-0.517	2.095169	RS11_HUMAN	Small ribosomal subunit protein 11	RPS11	0.303415695
Q15043	-0.619	2.095031	S39AE_HUMAN	Metal cation symporter ZIP14	SLC39A14	0.240132708
Q9Y2W1	0.2534	2.090215	TR150_HUMAN	Thyroid hormone receptor-associated protein 1	THRAP3	1.792541917
Q7Z7H5	0.2951	2.089859	TMED4_HUMAN	Transmembrane emp24 domain-containing protein 4	TMED4	1.973155048
Q9NZL4	-0.505	2.088707	HPBP1_HUMAN	Hsp70-binding protein 1	HSPBP1	0.31190917
P49591	-0.567	2.087435	SYSC_HUMAN	Serine-tRNA ligase, cytoplasmic	SARS1	0.270619749
P48443	0.8148	2.086553	RXRG_HUMAN	Retinoic acid receptor RXR-gamma	RXRG	6.529717207
Q8N5K1	0.3476	2.085594	CISD2_HUMAN	CDGSH iron-sulfur domain-containing protein 2	CISD2	2.226675446
Q9UQ80	-0.450	2.085109	PA2G4_HUMAN	Proliferation-associated protein 2	PA2G4	0.354010978
Q9UKK9	-0.280	2.084753	NUDT5_HUMAN	ADP-sugar pyrophosphatase	NUDT5	0.524199428
P12956	-0.603	2.078857	XRCC6_HUMAN	X-ray repair cross-complementing protein 6	XRCC6	0.249442384
P10253	0.6360	2.076965	LYAG_HUMAN	Lysosomal alpha-glucosidase	GAA	4.325859033
Q96C36	-0.220	2.072553	P5CR2_HUMAN	Pyrroline-5-carboxylate reductase 2	PYCR2	0.601441313
Q16527	1.9510	2.072312	CSRP2_HUMAN	Cysteine and glycine-rich protein	CSRP2	89.3479248
Q8NDX5	0.5388	2.071836	PHC3_HUMAN	Polyhomeotic-like protein 3	PHC3	3.458406167
Q14974	0.6150	2.070024	IMB1_HUMAN	Importin subunit beta-1	KPNB1	4.12132136
P53634	-0.417	2.067358	CATC_HUMAN	Dipeptidyl peptidase 1	CTSC	0.382700042
O94888	-0.482	2.065012	UBXN7_HUMAN	UBX domain-containing protein 7	UBXN7	0.329346291
Q01469	-0.301	2.062443	FABP5_HUMAN	Fatty acid-binding protein 5	FABP5	0.499556138
Q04760	-0.317	2.062240	LGUL_HUMAN	Lactoylglutathione lyase	GLO1	0.481454474
Q9C004	0.3396	2.062169	SPRY4_HUMAN	Protein sprouty homolog 4	SPRY4	2.186013919
Q16718	0.2024	2.062013	NDUA5_HUMAN	NADH dehydrogenase [ubiquinone] 5	NDUFA5	1.593803708
Q9UHF1	-0.861	2.059071	EGFL7_HUMAN	Epidermal growth factor-like protein 7	EGFL7	0.137524402
P56556	-0.266	2.057156	NDUA6_HUMAN	NADH dehydrogenase [ubiquinone] 6	NDUFA6	0.541915350
P55060	-0.795	2.057016	XPO2_HUMAN	Exportin-2	CSE1L	0.160006297
O95208	0.3628	2.055138	EPN2_HUMAN	Epsin-2	EPN2	2.306208827
P61513	-0.392	2.048634	RL37A_HUMAN	Large ribosomal subunit protein 37A	RPL37A	0.405036769
O00165	0.3368	2.046745	HAX1_HUMAN	HCLS1-associated protein X-1	HAX1	2.171750334
P23497	0.7120	2.046595	SP100_HUMAN	Nuclear autoantigen Sp-100	SP100	5.152378508

Q9H0C8	-0.675	2.043508	ILKAP_HUMAN	Integrin-linked kinase-associated	ILKAP	0.210986229					
P18031	-0.450	2.041988	PTN1_HUMAN	Tyrosine-protein phosphatase non-receptor type 1	PTPN1	0.354788749					
Q12962	0.2844	2.040759	TAF10_HUMAN	Transcription initiation factor TFIID subunit 10	TAF10	1.925088635					
O00299	-0.3591	2.039512	CLIC1_HUMAN	Chloride intracellular channel protein 1	CLIC1	0.437316617					
Q09666	0.7782	2.038001	AHNAK_HUMAN	Neuroblast differentiation-associated	AHNAK	6.001773381					
O75616	0.3031	2.035774	ERAL1_HUMAN	GTPase Era, mitochondrial	ERAL1	2.009808243					
Q1KMD3	-0.360	2.034846	HNRL2_HUMAN	Heterogeneous nuclear ribonucleoprotein L2	HNRNPU2	0.436111340					
P08729	-0.244	2.029722	K2C7_HUMAN	Keratin, type II cytoskeletal 7	KRT7	0.569945964					
O95999	1.1386	2.027473	BCL10_HUMAN	B-cell lymphoma/leukemia 10	BCL10	13.75942927					
Q9Y6H1	0.2269	2.025407	CHCH2_HUMAN	Coiled-coil-helix-coiled-coil-helix motif protein 2	CHCHD2	1.686256357					
O00410	-0.389	2.023301	IPO5_HUMAN	Importin-5	IPO5	0.407787444					
Q5U5X0	0.3915	2.022857				2.463743531					
P51608	0.4683	2.015367	MECP2_HUMAN	Methyl-CpG-binding protein 2	MECP2	2.939778369					
P67936	0.3993	2.014825	TPM4_HUMAN	Tropomyosin alpha-4 chain	TPM4	2.508228412					
Q9NY12	0.4033	2.014148	GAR1_HUMAN	H/ACA ribonucleoprotein complex subunit GAR1	GAR1	2.531147926					
P33176	-0.356	2.013338	KINH_HUMAN	Kinesin-1 heavy chain	KIF5B	0.439735073					
Q15007	0.3423	2.012580	FL2D_HUMAN	Pre-mRNA-splicing regulator WT1	WTAP	2.199739063					
Q92547	0.2380	2.011917	TOPBP1_HUMAN	DNA topoisomerase 2-binding protein 1	TOPBP1	1.729990057					
P07910	-0.189	2.011830	HNRPC_HUMAN	Heterogeneous nuclear ribonucleoprotein C	HNRNPC	0.645815861					
Q9GZT3	-0.277	2.010390	SLIRP_HUMAN	SRA stem-loop-interacting RNA-binding protein	SLIRP	0.527845313					
P17655	-0.320	2.009803	CAN2_HUMAN	Calpain-2 catalytic subunit	CAPN2	0.478572214					
P08621	0.3024	2.008283	RU17_HUMAN	U1 small nuclear ribonucleoprotein polypeptide N	SNRNP70	2.006565528					
P37802	-0.285	2.007449	TAGL2_HUMAN	Transgelin-2	TAGLN2	0.518363173					
Q9BVP2	-0.325	2.002367	GNL3_HUMAN	Guanine nucleotide-binding protein GNL3	GNL3	0.473143843					
Q9Y4W2	-2.753	2.001798	LAS1L_HUMAN	Ribosomal biogenesis protein LAS1L	LAS1L	0.001764091					
P43026	0.2945	1.992417	GDF5_HUMAN	Growth/differentiation factor 5	GDF5	1.970204774					
Q9Y2V2	-0.474	1.991217	CHSP1_HUMAN	Calcium-regulated heat-stable protein 1	CARHSP1	0.335458694					
Q8N5A5	0.3740	1.988108	ZGPAT_HUMAN	Zinc finger CCCH-type with G-patch	ZGPAT	2.365987959					
P26885	-0.447	1.987970	F5HON4_HUMAN	peptidylprolyl isomerase F5	FKBP2	0.356945707					
P00558	-0.214	1.985322	PGK1_HUMAN	Phosphoglycerate kinase 1	PGK1	0.609934412					
O00762	-0.238	1.981940	UBE2C_HUMAN	Ubiquitin-conjugating enzyme E2C	UBE2C	0.577852641					
P46940	-0.533	1.979796	IQGA1_HUMAN	Ras GTPase-activating-like protein 1	IQGAP1	0.292553514					
P11279	0.2103	1.978180	LAMP1_HUMAN	Lysosome-associated membrane protein 1	LAMP1	1.622996985					
Q96ST2	0.2266	1.977223	IWS1_HUMAN	Protein IWS1 homolog	IWS1	1.685075937					
Q96B49	-0.612	1.976365	TOM6_HUMAN	Mitochondrial import receptor subunit TOMM6	TOMM6	0.243954631					
P51148	-0.349	1.970696	RAB5C_HUMAN	Ras-related protein Rab-5C	RAB5C	0.447282963					
Q9UBE0	-0.637	1.967313	SAE1_HUMAN	SUMO-activating enzyme subunit 1	SAE1	0.230264441					
O15269	-0.490	1.966912	SPTC1_HUMAN	Serine palmitoyltransferase 1	SPTLC1	0.323116959					
Q9H9P8	-1.406	1.965893	L2HDH_HUMAN	L-2-hydroxyglutarate dehydrogenase	L2HGDH	0.039195398					
Q9Y5J1	-1.257	1.965547	UTP18_HUMAN	U3 small nucleolar RNA-associating protein	UTP18	0.055271418					
Q969L2	0.2679	1.963664	MAL2_HUMAN	Protein MAL2	MAL2	1.85329561					
Q96FJ2	-0.829	1.959597	DYL2_HUMAN	Dynein light chain 2, cytoplasmic	DYNLL2	0.147990725					
Q9BVK6	0.2964	1.959551	TMED9_HUMAN	Transmembrane emp24 domain-containing protein 9	TMED9	1.978845251					
O43681	-0.486	1.956560	GET3_HUMAN	ATPase GET3	GET3	0.326580746					
P08579	0.3874	1.955297	RU2B_HUMAN	U2 small nuclear ribonucleoprotein B	SNRPB2	2.440562045					
O60664	-0.503	1.951716	PLIN3_HUMAN	Perilipin-3	PLIN3	0.313911611					
P78536	0.8123	1.950533	ADA17_HUMAN	Disintegrin and metalloproteinase domain-containing protein 17	ADAM17	6.491312438					
P50895	-0.360	1.950194	BCAM_HUMAN	Basal cell adhesion molecule	BCAM	0.436417010					
P84085	-0.246	1.949955	ARF5_HUMAN	ADP-ribosylation factor 5	ARF5	0.566747361					
Q8WXI9	0.8060	1.948508	P66B_HUMAN	Transcriptional repressor p66-beta	GATAD2B	6.397372469					

P35221	0.2690	1.946590	CTNA1_HUMAN	Catenin alpha-1	CTNNA1	1.858227671					
Q96R06	0.8928	1.946421	SPAG5_HUMAN	Sperm-associated antigen 5	SPAG5	7.813074816					
Q9NRP2	0.2678	1.945310	COXM2_HUMAN	COX assembly mitochondrial pro	CMC2	1.853047022					
P55036	0.2101	1.941437	PSMD4_HUMAN	26S proteasome non-ATPase re	PSMD4	1.622292435					
P09960	-0.4151	1.938283	LKHA4_HUMAN	Leukotriene A-4 hydrolase	LTA4H	0.384412354					
Q08378	-0.5329	1.936886	GOGA3_HUMAN	Golgin subfamily A member 3	GOLGA3	0.293106788					
Q9H488	0.2214	1.934431	OFUT1_HUMAN	GDP-fucose protein O-fucosyltra	POFUT1	1.665322539					
O14686	0.2214	1.934431	KMT2D_HUMAN	Histone-lysine N-methyltransfera	KMT2D	1.665322539					
P31937	0.3211	1.933662	3HIDH_HUMAN	3-hydroxyisobutyrate dehydroge	HIBADH	2.094865657					
Q9UHR5	0.3335	1.929901	S30BP_HUMAN	SAP30-binding protein	SAP30BP	2.155600834					
Q9UHX1	-0.3896	1.929452	PUF60_HUMAN	Poly(U)-binding-splicing factor P	PUF60	0.407742404					
Q9P258	-0.3288	1.926183	RCC2_HUMAN	Protein RCC2	RCC2	0.468996419					
P02656	0.6720	1.923091	APOC3_HUMAN	Apolipoprotein C-III	APOC3	4.699196655					
O00170	-0.7544	1.922671	AIP_HUMAN	AH receptor-interacting protein	AIP	0.176014062					
O15240	0.7349	1.920723	VGF_HUMAN	Neurosecretory protein VGF	VGF	5.432451866					
Q8IWX8	1.0673	1.918451	CHERP_HUMAN	Calcium homeostasis endoplasm	CHERP	11.67847961					
Q14980	-0.3980	1.917867	NUMA1_HUMAN	Nuclear mitotic apparatus protei	NUMA1	0.399917089					
Q9NZM5	0.2967	1.910794	NOP53_HUMAN	Ribosome biogenesis protein NC	NOP53	1.980359304					
Q9BXJ9	-1.0519	1.910746	NAA15_HUMAN	alpha-acetyltransferase 15, N	NAA15	0.088731542					
Q16186	-0.4921	1.908794	ADRM1_HUMAN	Proteasomal ubiquitin receptor A	ADRM1	0.32181912					
P07108	-0.1751	1.907100	ACBP_HUMAN	Acyl-CoA-binding protein	DBI	0.667984619					
P00167	-0.5851	1.904606	CYB5_HUMAN	Cytochrome b5	CYB5A	0.259908971					
Q9H4A6	0.4049	1.903212	GOLP3_HUMAN	Golgi phosphoprotein 3	GOLPH3	2.540724117					
Q00403	0.5952	1.901326	TF2B_HUMAN	Transcription initiation factor IIB	GTF2B	3.937380898					
O94842	0.4158	1.901143	TOX4_HUMAN	TOX high mobility group box fam	TOX4	2.605446741					
Q8WYQ3	-0.4460	1.897241	CHC10_HUMAN	Coiled-coil-helix-coiled-coil-helix	CHCHD10	0.358094491					
Q15545	0.9356	1.895656	TAF7_HUMAN	Transcription initiation factor TFI	TAF7	8.623606536					
Q16630	-0.5381	1.895641	CPSF6_HUMAN	Cleavage and polyadenylation s	CPSF6	0.289245190					
Q8WYP5	-0.2881	1.895306	ELYS_HUMAN	Protein ELYS	AHCTF1	0.514956242					
Q9H307	0.3208	1.895085	PININ_HUMAN	Pinin	PNN	2.09319022					
P46109	-0.3057	1.891737	CRKL_HUMAN	Crk-like protein	CRKL	0.494586551					
Q14847	-0.2192	1.888591	LASP1_HUMAN	LIM and SH3 domain protein 1	LASP1	0.603636909					
P20618	-0.4076	1.888376	PSB1_HUMAN	Proteasome subunit beta type-1	PSMB1	0.391283844					
P29992	-0.8106	1.886369	GNA11_HUMAN	Guanine nucleotide-binding prot	GNA11	0.154655839					
O75976	0.2914	1.886097	CBPD_HUMAN	Carboxypeptidase D	CPD	1.956569323					
Q9NSE4	-0.3380	1.884515	SYIM_HUMAN	Isoleucine-ttRNA ligase, mitoch	IARS2	0.459152620					
P35998	-0.2988	1.878723	PRST7_HUMAN	26S proteasome regulatory subu	PSMC2	0.502486632					
P0DPB6	-0.1882	1.876366	RPAC2_HUMAN	DNA-directed RNA polymerases	POLR1D	0.648205970					
Q08170	0.1739	1.871756	SRSF4_HUMAN	Serine/arginine-rich splicing fact	SRSF4	1.492700025					
P67870	0.2429	1.870344	CSK2B_HUMAN	Casein kinase II subunit beta	CSNK2B	1.749740604					
P11233	0.2498	1.868067	RALA_HUMAN	Ras-related protein Ral-A	RALA	1.777643667					
Q9NTJ5	0.7230	1.865354	SAC1_HUMAN	Phosphatidylinositol-3-phosphat	SACM1L	5.284586646					
O43765	-0.1632	1.863470	SGTA_HUMAN	Small glutamine-rich tetratricope	SGTA	0.686702897					
P32119	-0.2471	1.863169	PRDX2_HUMAN	Peroxiredoxin-2	PRDX2	0.566137948					
Q9H0L4	0.3178	1.856920	CSTFT_HUMAN	Cleavage stimulation factor subu	CSTF2T	2.07887752					
P13674	0.3232	1.856691	P4HA1_HUMAN	Prolyl 4-hydroxylase subunit alp	P4HA1	2.105063447					
Q16204	-0.2502	1.855999	CCDC6_HUMAN	Coiled-coil domain-containing pr	CCDC6	0.561978715					
Q15642	-0.3376	1.855804	CIP4_HUMAN	Cdc42-interacting protein 4	TRIP10	0.459546846					
Q92542	0.4939	1.852576	NICA_HUMAN	Nicastrin	NCSTN	3.118289411					
P82932	0.4116	1.852175				2.579906383					

P42166	0.1956	1.8508154	LAP2A_HUMAN	Lamina-associated polypeptide 2	TMPO	1.569206939
P62854	-0.5754	1.8453454	RS26_HUMAN	Small ribosomal subunit protein	RPS26	0.265713140
O43513	0.7724	1.8420994	MED7_HUMAN	Mediator of RNA polymerase II t	MED7	5.921370381
P61970	-1.2811	1.8417494	NTF2_HUMAN	Nuclear transport factor 2	NUTF2	0.052313360
Q9GZR2	0.5150	1.8382814				3.273544228
Q14697	-0.5284	1.8341454	GANAB_HUMAN	Neutral alpha-glucosidase AB	GANAB	0.296106465
Q12874	0.2130	1.8276504	SF3A3_HUMAN	Splicing factor 3A subunit 3	SF3A3	1.633092834
P23743	-1.0004	1.8187374	DGKA_HUMAN	Diacylglycerol kinase alpha	DGKA	0.099796541
P63010	-0.4181	1.8158884	AP2B1_HUMAN	AP-2 complex subunit beta	AP2B1	0.381254782
Q02543	-0.6209	1.8145134	RL18A_HUMAN	Large ribosomal subunit protein	RPL18A	0.239341207
Q9NZ01	-0.3644	1.8132864	TECR_HUMAN	Very-long-chain enoyl-CoA redu	TECR	0.431977237
O95218	0.1593	1.8105244	ZRAB2_HUMAN	Zinc finger Ran-binding domain-	ZRANB2	1.443218885
O75369	-0.3888	1.8103554	FLNB_HUMAN	Filamin-B	FLNB	0.408470813
Q9NZJ7	1.8418	1.8094514	MTCH1_HUMAN	Mitochondrial carrier homolog 1	MTCH1	69.4814895
Q15843	0.5835	1.8087584	NEDD8_HUMAN	NEDD8	NEDD8	3.833137983
Q9NQG1	1.3155	1.8086664	MANBL_HUMAN	Protein MANBAL	MANBAL	20.67890447
Q9H936	-0.2086	1.8077504	GHC1_HUMAN	Mitochondrial glutamate carrier	SLC25A22	0.618513015
P60174	-0.2978	1.8059954	TPIS_HUMAN	Triosephosphate isomerase	TP11	0.503650202
P63104	-0.3804	1.8055454	I433Z_HUMAN	14-3-3 protein zeta/delta	YWHAZ	0.416480826
Q9Y3I0	-0.3310	1.8043684	RTCB_HUMAN	RNA-splicing ligase RtcB homolog	RTCB	0.465947067
P21108	-0.2421	1.8031804	PRPS3_HUMAN	Ribose-phosphate pyrophospho	PRPS1L1	0.572362418
Q12906	-0.2511	1.8019674	ILF3_HUMAN	Interleukin enhancer-binding fac	ILF3	0.560668190
P53007	-0.4531	1.7982694	TXTP_HUMAN	Tricarboxylate transport protein,	SLC25A1	0.352263343
Q15125	-0.3361	1.7981044	EBP_HUMAN	3-beta-hydroxysteroid-Delta(8),	EBP	0.460940307
Q96PC5	0.3749	1.7912464	MIA2_HUMAN	Melanoma inhibitory activity prot	MIA2	2.371144221
P35222	-0.3110	1.7889114	CTNB1_HUMAN	Catenin beta-1	CTNNB1	0.488612009
Q14315	-0.2950	1.7857054	FLNC_HUMAN	Filamin-C	FLNC	0.506892567
Q96BR5	-0.8951	1.7817384				0.127236178
P20290	-0.9471	1.7800034	BTF3_HUMAN	Transcription factor BTF3	BTF3	0.112909361
Q7L2H7	-1.5030	1.7796554	EIF3M_HUMAN	Eukaryotic translation initiation f	EIF3M	0.031404803
Q9BW91	0.6463	1.7795284	NUDT9_HUMAN	ADP-ribose pyrophosphatase, m	NUDT9	4.429918028
Q8WUM0	-0.3328	1.7746014	NU133_HUMAN	Nuclear pore complex protein Nu	NUP133	0.464669374
P07951	0.3952	1.7692094	TPM2_HUMAN	Tropomyosin beta chain	TPM2	2.48472998
Q15349	-1.9751	1.7673864	KS6A2_HUMAN	Ribosomal protein S6 kinase alp	RPS6KA2	0.010573786
P61244	0.4155	1.7665144	MAX_HUMAN	Protein max	MAX	2.603215132
P0DP25	1.0960	1.7652184	CALM3_HUMAN	Calmodulin-3	CALM3	12.47565453
P0DP24	1.0960	1.7652184	CALM2_HUMAN	Calmodulin-2	CALM2	12.47565453
P0DP23	1.0960	1.7652184	CALM1_HUMAN	Calmodulin-1	CALM1	12.47565453
P49321	-1.6091	1.7614304	NASP_HUMAN	Nuclear autoantigenic sperm prc	NASP	0.024559107
P63220	-0.2011	1.7585224	RS21_HUMAN	Small ribosomal subunit protein	RPS21	0.628487874
Q9NPJ6	0.4780	1.7570254	MED4_HUMAN	Mediator of RNA polymerase II t	MED4	3.006590792
O76094	-0.6148	1.7532604	SRP72_HUMAN	Signal recognition particle subur	SRP72	0.242739373
P22314	-0.3161	1.7530724	UBA1_HUMAN	Ubiquitin-like modifier-activating	UBA1	0.482634974
P63096	-0.2162	1.7506664	GNAI1_HUMAN	Guanine nucleotide-binding prot	GNAI1	0.607822002
A0A142I5B-	-0.2211	1.7502814				0.601035300
Q9NTZ6	-0.7401	1.7502194	RBM12_HUMAN	RNA-binding protein 12	RBM12	0.181814109
P62263	-0.2081	1.7450024	RS14_HUMAN	Small ribosomal subunit protein	RPS14	0.618350804
Q16594	0.4777	1.7419034	TAF9_HUMAN	Transcription initiation factor TFI	TAF9	3.004430852
P14923	-0.3318	1.7418894	PLAK_HUMAN	Junction plakoglobin	JUP	0.465786592
Q14684	0.2621	1.7402224	RRP1B_HUMAN	Ribosomal RNA processing prot	RRP1B	1.828649283

Q13885	0.3121	1.737908	TBB2A_HUMAN	Tubulin beta-2A chain	TUBB2A	2.051718352
P24534	0.2232	1.737719	EF1B_HUMAN	Elongation factor 1-beta	EEF1B2	1.672071109
P51809	-1.2844	1.737141	VAMP7_HUMAN	Vesicle-associated membrane protein 7	VAMP7	0.051941658
P50502	-0.1819	1.733169	F10A1_HUMAN	Hsc70-interacting protein F10A1	ST13	0.6577229
Q9BV40	0.2848	1.732106	VAMP8_HUMAN	Vesicle-associated membrane protein 8	VAMP8	1.926894792
P43304	-0.2408	1.731069	GPDM_HUMAN	Glycerol-3-phosphate dehydrogenase	GPD2	0.574342490
Q04917	0.2008	1.728263	I433F_HUMAN	14-3-3 protein eta	YWHAH	1.588098407
Q9Y3T9	-0.2961	1.726754	NOC2L_HUMAN	Nucleolar complex protein 2 homolog	NOC2L	0.505808418
Q9H118	1.4003	1.720312	ASCC2_HUMAN	Activating signal cointegrator 1 complex subunit ASCC2	ASCC2	25.13983842
Q9NX55	-0.4894	1.718186	HYPK_HUMAN	Huntingtin-interacting protein K	HYPK	0.324014530
P46379	-1.0001	1.714152	BAG6_HUMAN	Large proline-rich protein BAG6	BAG6	0.099973433
P36543	-0.5442	1.713211	VATE1_HUMAN	V-type proton ATPase subunit E	ATP6V1E1	0.285627047
P61923	-0.4751	1.711494	COPZ1_HUMAN	Coatomer subunit zeta-1	COPZ1	0.334850969
Q7RTS3	0.1980	1.711449	PTF1A_HUMAN	Pancreas transcription factor 1 subunit alpha	PTF1A	1.577702912
Q9UMS0	-0.2115	1.710526	NFU1_HUMAN	NFU1 iron-sulfur cluster scaffold	NFU1	0.614346987
P06454	0.2226	1.707321	PTMA_HUMAN	Prothymosin alpha	PTMA	1.66957613
Q96HR3	0.5826	1.705535	MED30_HUMAN	Mediator of RNA polymerase II subunit 30	MED30	3.825175038
P25787	-0.5511	1.703288	PSA2_HUMAN	Proteasome subunit alpha type-2	PSMA2	0.281104499
P62140	-0.2981	1.702459	PP1B_HUMAN	Serine/threonine-protein phosphatase 1B	PPP1CB	0.503363394
P48444	-0.2418	1.701416	COPD_HUMAN	Coatomer subunit delta	ARCN1	0.573015153
O14880	-2.5381	1.701005	MGST3_HUMAN	Glutathione S-transferase 3, mitochondrial	MGST3	0.002895974
P61158	-0.2790	1.699733	ARP3_HUMAN	Actin-related protein 3	ACTR3	0.526015816
P68400	-1.0581	1.699502	CSK21_HUMAN	Casein kinase II subunit alpha	CSNK2A1	0.087451190
P06280	0.7025	1.693053	AGAL_HUMAN	Alpha-galactosidase A	GLA	5.041122059
P13010	-0.7581	1.693035	XRCC5_HUMAN	X-ray repair cross-complementing protein 5	XRCC5	0.174267892
P05023	0.2340	1.690117	AT1A1_HUMAN	Sodium/potassium-transporting ATPase subunit 1	ATP1A1	1.714072404
Q9Y3C1	0.1527	1.688882	NOP16_HUMAN	Nucleolar protein 16	NOP16	1.421600354
Q13111	0.4069	1.688814	CAF1A_HUMAN	Chromatin assembly factor 1 subunit A	CHAF1A	2.552343622
Q14573	-0.5021	1.687686	ITPR3_HUMAN	Inositol 1,4,5-trisphosphate-gated receptor 3	ITPR3	0.314491558
P52434	-0.6598	1.687065	RPA80_HUMAN	DNA-directed RNA polymerases	POLR2H	0.218859192
Q8NE71	-0.4831	1.685574	ABCF1_HUMAN	ATP-binding cassette sub-family B member 1	ABCF1	0.328653985
Q92734	-0.5924	1.684257	TFG_HUMAN	Protein TGF	TFG	0.255518618
P54725	-0.1890	1.682436	RD23A_HUMAN	UV excision repair protein RAD23A	RAD23A	0.646171133
Q12846	1.0647	1.681972	STX4_HUMAN	Syntaxin-4	STX4	11.60863769
Q9Y5U9	-0.2588	1.678809	IR3IP_HUMAN	Immediate early response 3-interacting protein	IER3IP1	0.551258247
P41252	-0.8661	1.678761	SYIC_HUMAN	Isoleucine-tRNA ligase, cytoplasmic	IARS1	0.135903425
P36551	-0.3708	1.678396	HEM6_HUMAN	Oxygen-dependent coporphorase	CPOX	0.425745618
Q8TB36	0.2870	1.674176	GDAP1_HUMAN	Ganglioside-induced differentiation-associated protein 1	GDAP1	1.936849608
P20339	-0.2971	1.668394	RAB5A_HUMAN	Ras-related protein Rab-5A	RAB5A	0.504322997
Q15819	-0.1488	1.667974	UB2V2_HUMAN	Ubiquitin-conjugating enzyme E2B subunit 2	UBE2V2	0.709883394
Q6P2E9	-0.5218	1.667765	EDC4_HUMAN	Enhancer of mRNA-decapping protein 4	EDC4	0.300931595
P36954	0.2236	1.664236	RPB9_HUMAN	DNA-directed RNA polymerase I	POLR2I	1.67355062
P17844	-0.2569	1.661284	DDX5_HUMAN	Probable ATP-dependent RNA helicase DDX5	DDX5	0.553373996
Q04721	0.6087	1.660175	NOTC2_HUMAN	Neurogenic locus notch homolog 2	NOTCH2	4.062202013
O43837	-0.5661	1.658922	IDH3B_HUMAN	Isocitrate dehydrogenase [NAD] isoenzyme 3	IDH3B	0.271149145
Q86UK5	1.6621	1.658211	LBN_HUMAN	Limbin	EVC2	45.93698388
P06733	-0.3774	1.657326	ENO4_HUMAN	Alpha-enolase	ENO1	0.419205874
O00625	0.9869	1.657187	PIR_HUMAN	Pirin	PIR	9.704284115
P82933	-0.4581	1.657068	RT09_HUMAN	Small ribosomal subunit protein RT09	MRPS9	0.348053594
Q7Z5L9	-0.3673	1.656968	I2BP2_HUMAN	Interferon regulatory factor 2-bin	IRF2BP2	0.429203334

O43660	-0.376	1.656913	PLRG1_HUMAN	Pleiotropic regulator 1	PLRG1	0.419904913					
P15531	-0.198	1.655713	NDKA_HUMAN	Nucleoside diphosphate kinase A	NME1	0.633409758					
O15371	-0.713	1.649979	EIF3D_HUMAN	Eukaryotic translation initiation factor 3D	EIF3D	0.193591492					
Q8NBT2	-0.243	1.647068	SPC24_HUMAN	Kinetochoore protein Spc24	SPC24	0.570330875					
P42892	0.2231	1.646602	ECE1_HUMAN	Endothelin-converting enzyme 1	ECE1	1.671510273					
Q06481	0.5198	1.645960	APLP2_HUMAN	Amyloid beta precursor like protein 2	APLP2	3.310060815					
P23246	-0.323	1.644826	SFPQ_HUMAN	Splicing factor, proline- and glutamine-rich	SFPQ	0.474984761					
P50151	-0.190	1.640801	GBG10_HUMAN	Guanine nucleotide-binding protein G10	GNG10	0.644474566					
Q9NVA2	-0.446	1.638710	SEP11_HUMAN	Septin-11	SEPTIN11	0.357990833					
Q14141	-0.446	1.638710	SEPT6_HUMAN	Septin-6	SEPTIN6	0.357990833					
Q9BRA2	-0.183	1.637630	TXND17_HUMAN	Thioredoxin domain-containing protein 17	TXND17	0.655915770					
Q96AQ6	0.3538	1.634145	PBIP1_HUMAN	Pre-B-cell leukemia transcription factor 1	PBXIP1	2.258798637					
Q15836	0.1920	1.631576	VAMP3_HUMAN	Vesicle-associated membrane protein 3	VAMP3	1.556148029					
P50416	-0.243	1.629994	CPT1A_HUMAN	Carnitine O-palmitoyltransferase 1	CPT1A	0.571324085					
P25789	-0.344	1.625687	PSA4_HUMAN	Proteasome subunit alpha type-4	PSMA4	0.452042866					
P82094	0.9218	1.625271	TMF1_HUMAN	TATA element modulatory factor 1	TMF1	8.352654739					
P26583	-0.304	1.624892	HMGB2_HUMAN	High mobility group protein B2	HMGB2	0.496091725					
Q86VP6	-1.131	1.624877	CAND1_HUMAN	Cullin-associated NEDD8-dissociating protein 1	CAND1	0.073790628					
O75688	1.6192	1.624754	PPM1B_HUMAN	Protein phosphatase 1B	PPM1B	41.61462956					
P47756	-0.300	1.623847	CAPZB_HUMAN	F-actin-capping protein subunit beta	CAPZB	0.500706304					
P45974	-0.651	1.622586	UBP5_HUMAN	Ubiquitin carboxyl-terminal hydrolase 5	USP5	0.223008220					
P38432	0.3009	1.622219	COIL_HUMAN	Coilin	COIL	1.999637658					
P61020	-0.316	1.619858	RAB5B_HUMAN	Ras-related protein Rab-5B	RAB5B	0.482435580					
Q03001	-1.277	1.619748	DYST_HUMAN	Dystonin	DST	0.052802068					
Q15050	0.2868	1.618828	RRS1_HUMAN	Ribosome biogenesis regulatory factor 1	RRS1	1.935643114					
P28331	-0.325	1.618440	NDUS1_HUMAN	NADH-ubiquinone oxidoreductase 1	NDUFS1	0.472073153					
Q9BTE3	-1.020	1.616686	MCMBP_HUMAN	Mini-chromosome maintenance protein 1	MCMBP	0.095435176					
Q8WTS6	-0.232	1.614711	SETD7_HUMAN	Histone-lysine N-methyltransferase 7	SETD7	0.585287285					
O15446	0.1841	1.613970	RPA34_HUMAN	DNA-directed RNA polymerase I	POLR1G	1.528102513					
P36405	-0.232	1.612962	ARL3_HUMAN	ADP-ribosylation factor-like protein 3	ARL3	0.585157294					
O43464	0.1898	1.610777	HTRA2_HUMAN	Serine protease HTRA2, mitochondrial	HTRA2	1.548292999					
Q7 RTP6	0.1898	1.610777				1.548292999					
Q8IUF8	-1.347	1.610151	RIOX2_HUMAN	Ribosomal oxygenase 2	RIOX2	0.044962100					
Q00796	-0.329	1.609312	DHSO_HUMAN	Sorbitol dehydrogenase	SORD	0.467930334					
Q92736	-0.222	1.609175	RYR2_HUMAN	Ryanodine receptor 2	RYR2	0.598514822					
Q96J92	-2.138	1.605333	WNK4_HUMAN	Serine/threonine-protein kinase 4	WNK4	0.007265976					
O00754	0.2913	1.602942	MA2B1_HUMAN	Lysosomal alpha-mannosidase	MAN2B1	1.955733942					
Q9NTK5	-0.347	1.600129	OLA1_HUMAN	Ogb-like ATPase 1	OLA1	0.449345668					
Q9Y266	-0.162	1.598599	NUDC_HUMAN	Nuclear migration protein nudC	NUDC	0.687808196					
Q86Y82	0.2323	1.597176	STX12_HUMAN	Syntaxin-12	STX12	1.707460191					
Q12788	-0.398	1.596402	TBL3_HUMAN	Transducin beta-like protein 3	TBL3	0.399327641					
P49720	-0.599	1.596300	PSB3_HUMAN	Proteasome subunit beta type-3	PSMB3	0.251615051					
Q9C0C9	-1.392	1.594060	UBE2O_HUMAN	(E3-independent) E2 ubiquitin-conjugating enzyme 1	UBE2O	0.040476867					
Q02809	-0.548	1.591903	PLOD1_HUMAN	Procollagen-lysine,2-oxoglutarate 5-O-methyltransferase 1	PLOD1	0.282567862					
P51991	0.3891	1.586337	ROA3_HUMAN	Heterogeneous nuclear ribonucleoprotein A3	HNRNPA3	2.450102689					
Q9NV06	-0.762	1.585459	DCA13_HUMAN	DDB1- and CUL4-associated factor 1	DCAF13	0.172776667					
Q86XK2	0.4087	1.584232	FBX11_HUMAN	FBXO11	FBXO11	2.563069408					
P61160	-0.369	1.584072	ARP2_HUMAN	Actin-related protein 2	ACTR2	0.426941613					
Q8NEY8	0.1669	1.583844	PPHLN_HUMAN	Peripherin-1	PPHLN1	1.46882772					
P08962	0.2007	1.583286	CD63_HUMAN	CD63 antigen	CD63	1.587666068					

P00846	-0.273	1.582300	ATP6_HUMAN	ATP synthase subunit a	MT-ATP6	0.532323615					
Q7L014	-0.334	1.580350	DDX46_HUMAN	Probable ATP-dependent RNA helicase DDX46	DDX46	0.463036265					
Q9H1A7	0.5315	1.578655	RPB1C_HUMAN	DNA-directed RNA polymerase I	POLR2J3	3.400455533					
P52435	0.5315	1.578655	RPB11_HUMAN	DNA-directed RNA polymerase I	POLR2J	3.400455533					
Q32MZ4	0.6131	1.577620	LRRF1_HUMAN	Leucine-rich repeat flightless-int	LRRFIP1	4.103129017					
P30622	0.2869	1.577483	CLIP1_HUMAN	CAP-Gly domain-containing link	CLIP1	1.936171664					
Q9Y6Y8	-0.946	1.576819	S23IP_HUMAN	SEC23-interacting protein	SEC23IP	0.113125275					
Q9NXE8	0.3563	1.576748	CWC25_HUMAN	Pre-mRNA-splicing factor CWC2	CWC25	2.271565599					
Q96FF9	0.1764	1.573123	CDCA5_HUMAN	Sororin	CDCA5	1.501122647					
P25685	0.2196	1.569770	DNJB1_HUMAN	DnaJ homolog subfamily B mem	DNAJB1	1.658380502					
P98179	0.1538	1.567828	RBM3_HUMAN	RNA-binding protein 3	RBM3	1.425012215					
P52907	-0.313	1.567151	CAZA1_HUMAN	F-actin-capping protein subunit a	CAPZA1	0.485495292					
Q9NRG9	-0.489	1.564856	AAAS_HUMAN	Aladin	AAAS	0.324223647					
P31150	-0.328	1.564639	GDIA_HUMAN	Rab GDP dissociation inhibitor a	GDIA1	0.469400272					
Q96HC4	-0.293	1.564025	PDLI5_HUMAN	PDZ and LIM domain protein 5	PDLIM5	0.509066592					
Q86Y79	0.4221	1.563244	PTH_HUMAN	Peptidyl-tRNA hydrolase	PTRH1	2.643064472					
Q9NP72	-0.280	1.562853	RAB18_HUMAN	Ras-related protein Rab-18	RAB18	0.524295097					
Q9NVH1	-0.667	1.562843	DJC11_HUMAN	DnaJ homolog subfamily C mem	DNAJC11	0.215223008					
P19367	-1.606	1.562830	HXK1_HUMAN	Hexokinase-1	HXK1	0.024769124					
P10599	0.9553	1.560592	THIO_HUMAN	Thioredoxin	TXN	9.023267179					
O43752	0.4057	1.560471	STX6_HUMAN	Syntaxin-6	STX6	2.545101184					
Q14839	-0.269	1.558980	CHD4_HUMAN	Chromodomain-helicase-DNA-bi	CHD4	0.537459511					
P35606	-0.239	1.556806	COPB2_HUMAN	Coatomer subunit beta'	COPB2	0.575570018					
Q9Y2Z0	-0.332	1.556275	SGT1_HUMAN	Protein SGT1 homolog	SGT1	0.464825112					
Q99996	2.5793	1.555636	AKAP9_HUMAN	A-kinase anchor protein 9	AKAP9	379.6228978					
P35232	0.7266	1.555385	PHB1_HUMAN	Prohibitin 1	PHB1	5.329225938					
O75083	-0.404	1.554926	WDR1_HUMAN	VWD repeat-containing protein 1	WDR1	0.393614066					
O75494	0.3018	1.554589	SRSF10_HUMAN	Serine/arginine-rich splicing fact	SRSF10	2.003949763					
O75937	0.2785	1.550547	DNJC8_HUMAN	DnaJ homolog subfamily C mem	DNAJC8	1.899074271					
P30040	-0.222	1.549163	ERP29_HUMAN	Endoplasmic reticulum resident	ERP29	0.599441956					
Q9Y6M1	-0.327	1.548310	IF2B2_HUMAN	Insulin-like growth factor 2 mRNA	IF2BP2	0.470680222					
P13747	0.2540	1.547934	HLAE_HUMAN	HLA class I histocompatibility antigen	HLA-E	1.794880697					
Q96HP0	0.5691	1.545684	DOCK6_HUMAN	Dedicator of cytokinesis protein 6	DOCK6	3.708454945					
P78371	-0.388	1.543930	TCPB_HUMAN	T-complex protein 1 subunit beta	CCT2	0.408669289					
Q9Y608	0.6908	1.543594	LRRF2_HUMAN	Leucine-rich repeat flightless-int	LRRFIP2	4.907788142					
P54707	0.2054	1.542654	AT12A_HUMAN	Potassium-transferring ATPase	ATP12A	1.604828913					
Q96RD7	0.9153	1.536196	PANX1_HUMAN	Pannexin-1	PANX1	8.229674342					
P33993	-0.489	1.535720	MCM7_HUMAN	DNA replication licensing factor	MCM7	0.323682497					
P63261	-0.499	1.534689	ACTG_HUMAN	Actin, cytoplasmic 2	ACTG1	0.316439769					
P60709	-0.499	1.534689	ACTB_HUMAN	Actin, cytoplasmic 1	ACTB	0.316439769					
Q92844	0.5479	1.533264	TANK_HUMAN	TRAF family member-associated	TANK	3.531570928					
Q16637	-0.426	1.532952	SMN_HUMAN	Survival motor neuron protein	SMN1; SMN2	0.374302424					
Q8IWE2	-1.209	1.532580	NXP20_HUMAN	Protein NOXP20	FAM114A1	0.061764489					
Q9NYB0	0.2505	1.531972	TE2IP_HUMAN	Telomeric repeat-binding factor 2	TERF2IP	1.780550887					
P82650	-0.332	1.527554	RT22_HUMAN	Small ribosomal subunit protein	MRPS22	0.465364181					
P14866	-0.243	1.524109	HNRP1_HUMAN	Heterogeneous nuclear ribonucleoprotein 1	HNRNPL	0.570625081					
Q9BRP8	0.6038	1.523543	PYMI_HUMAN	Partner of Y14 and mago	PYMI	4.016122646					
O14672	-0.228	1.510299	ADA10_HUMAN	Disintegrin and metalloproteinas	ADAM10	0.590902526					
Q99470	1.0115	1.507413	SDF2_HUMAN	Stromal cell-derived factor 2	SDF2	10.26996532					
Q9BXK5	0.3056	1.506259	B2L13_HUMAN	Bcl-2-like protein 13	BCL2L13	2.021469672					

P46937	-0.710	1.4999354	YAP1_HUMAN	Transcriptional coactivator YAP1	YAP1	0.194678677
Q9NRX2	0.1648	1.4975801	RM17_HUMAN	Large ribosomal subunit protein	MRPL17	1.461511487
O43242	-1.666	1.4951691	PSMD3_HUMA	26S proteasome non-ATPase re	PSMD3	0.021560736
Q7Z4V5	0.1547	1.4937781	HDGR2_HUMA	Hepatoma-derived growth factor	HDGFL2	1.428105274
P62760	-0.386	1.4932571	VISL1_HUMAN	Visinin-like protein 1	VISNL1	0.410860190
P14854	0.1396	1.4931631	CX6B1_HUMAN	Cytochrome c oxidase subunit 6	CX6B1	1.379417073
P29401	-0.410	1.4915121	TKT_HUMAN	Transketolase	TKT	0.388670709
P48723	1.3576	1.4914114	HSP13_HUMAN	Heat shock 70 kDa protein 13	HSPA13	22.78725839
Q12792	-1.252	1.4911421	TWF1_HUMAN	Twinfilin-1	TWF1	0.055949069
Q96A26	0.1428	1.4878091	F162A_HUMAN	Protein FAM162A	FAM162A	1.389611972
Q99598	0.7572	1.4870471	TSNAX_HUMAN	Translin-associated protein X	TSNAX	5.717733812
Q5T1R4	0.1505	1.4850281	ZEP3_HUMAN	Transcription factor HIVEP3	HIVEP3	1.414421753
Q15691	-0.350	1.4830591	MARE1_HUMA	Microtubule-associated protein F	MAPRE1	0.446281978
O95295	0.3005	1.4809171	SNAPN_HUMAN	SNARE-associated protein Snap	SNAPIN	1.997968192
Q86SX6	-0.149	1.4797281	GLRX5_HUMAN	Glutaredoxin-related protein 5, n	GLRX5	0.709226634
Q8N5F7	0.2348	1.4789421	NKAP_HUMAN	NF-kappa-B-activating protein	NKAP	1.71720365
Q9NUP9	-0.355	1.4776921	LIN7C_HUMAN	Protein lin-7 homolog C	LIN7C	0.440848069
Q00613	-0.301	1.4769441	HSF1_HUMAN	Heat shock factor protein 1	HSF1	0.499676014
O60506	-0.300	1.4761711	HNRPQ_HUMA	Heterogeneous nuclear ribonucle	SYNCRIP	0.500872540
O14979	0.5144	1.4748761	HNRDL_HUMAN	Heterogeneous nuclear ribonucl	HNRNPDL	3.2695704
P13984	0.3130	1.4746601	T2FB_HUMAN	General transcription factor IIF s	GTF2F2	2.056107087
Q7Z7K6	-0.367	1.4742761	CENPV_HUMAN	Centromere protein V	CENPV	0.429390016
Q8NHZ8	0.4765	1.4736071	CDC26_HUMAN	Anaphase-promoting complex su	CDC26	2.99578676
P35052	1.3893	1.4726241	GPC1_HUMAN	Glycan-1	GPC1	24.50981804
O75152	0.1966	1.4722871	ZC11A_HUMAN	Zinc finger CCH domain-contai	ZC3H11A	1.572880662
O95721	0.2426	1.4705681	SNP29_HUMAN	Synaptosomal-associated protei	SNAP29	1.748483317
P19338	0.2051	1.4700001	NUCL_HUMAN	Nucleolin	NCL	1.603788371
Q969Z0	-0.6611	1.4692201	FAKD4_HUMAN	FAST kinase domain-containing	TBRG4	0.218220975
O00231	-0.539	1.4686861	PSD11_HUMAN	26S proteasome non-ATPase re	PSMD11	0.288950524
Q9P015	-0.538	1.4681241				0.289603811
Q96BZ8	-1.454	1.4646981	LENG1_HUMAN	Leukocyte receptor cluster mem	LENG1	0.035083302
Q9P0J7	0.7341	1.4642551	KCMF1_HUMAN	E3 ubiquitin-protein ligase KCMF1	KCMF1	5.422310835
P23368	-0.296	1.4627531	MAOM_HUMAN	NAD-dependent malic enzyme, i	ME2	0.505306773
Q9C005	0.3368	1.4621011	DPY30_HUMAN	Protein dpy-30 homolog	DPY30	2.171725396
Q9HD15	-0.279	1.4605691	SRA1_HUMAN	Steroid receptor RNA activator 1	SRA1	0.524902719
P30153	0.1682	1.4570251	2AAA_HUMAN	Serine/threonine-protein phosph	PPP2R1A	1.473245838
P00387	-0.132	1.4554131	NB5R3_HUMAN	NADH-cytochrome b5 reductase	CYB5R3	0.737162441
Q96IU4	-1.012	1.4553601	ABHEB_HUMAN	Putative protein-lysine deacetylase	ABHD14B	0.097051565
O60232	-0.629	1.4550151	ZNRD2_HUMAN	Protein ZNRD2	ZNRD2	0.234918255
Q14651	0.1779	1.4529781	PLSI_HUMAN	Plastin-1	PLS1	1.506567946
O15260	-0.387	1.4527051	SURF4_HUMAN	Surfeit locus protein 4	SURF4	0.409490788
Q9BRT3	-0.215	1.4526871	MIEN1_HUMAN	Migration and invasion enhance	MIEN1	0.608546365
P08238	-0.723	1.4510641	HS90B_HUMAN	Heat shock protein HSP 90-beta	HSP90AB1	0.189027885
O15382	-0.557	1.4475271	BCAT2_HUMAN	Branched-chain-amino-acid ami	BCAT2	0.276800710
P21912	0.1463	1.4441521	SDHB_HUMAN	Succinate dehydrogenase [ubiqui	SDHB	1.400875026
Q15906	0.2904	1.4357401	VPS72_HUMAN	Vacuolar protein sorting-associ	VPS72	1.951679543
P02549	1.3156	1.4355111	SPTA1_HUMAN	Spectrin alpha chain, erythrocyti	SPTA1	20.68272212
P23434	-0.211	1.4327961	GCSH_HUMAN	Glycine cleavage system H prote	GCSH	0.613891758
Q99733	-0.312	1.4325061	NP1L4_HUMAN	Nucleosome assembly protein 1	NAP1L4	0.487082526
Q9UDW1	-0.295	1.4321251	QCR9_HUMAN	Cytochrome b-c1 complex subu	UQCRC10	0.506172314

P11717	0.2332	1.429669	MPRI_HUMAN	Cation-independent mannose-6-IGF2R	1.711020358
Q9Y2X3	-0.233	1.428863	NOP58_HUMAN	Nucleolar protein 58	0.584147748
P43243	-0.277	1.428165	MATR3_HUMAN	Matrin-3	0.527252608
O15144	-0.444	1.426803	ARPC2_HUMAN	Actin-related protein 2/3 complex	0.359439013
P12830	0.2307	1.424586	CADH1_HUMAN	Cadherin-1	1.701155263
P56211	-0.398	1.422970	ARP19_HUMAN	cAMP-regulated phosphoprotein	0.399568269
Q9P0U1	0.1413	1.422861	TOM7_HUMAN	Mitochondrial import receptor subunit 7	1.384716244
Q99729	0.2161	1.420579	ROAA_HUMAN	Heterogeneous nuclear ribonucleoprotein A	1.645006646
Q9NXR1	0.4584	1.417657	NDE1_HUMAN	Nuclear distribution protein nudE	2.873939689
Q9P2J5	-0.594	1.415968	SYLC_HUMAN	Leucine-tRNA ligase, cytoplasmic	0.254485793
O00571	-0.276	1.415488	DDX3X_HUMAN	ATP-dependent RNA helicase DDX3X	0.528534827
Q12849	0.7261	1.414651	GRSF1_HUMAN	G-rich sequence factor 1	5.322734084
O14950	0.1539	1.412756	ML12B_HUMAN	Myosin regulatory light chain 12	1.425537568
O00483	0.2970	1.410903	NDUA4_HUMAN	Cytochrome c oxidase subunit 4	1.98153428
P52272	-0.412	1.405073	HNRPNM_HUMAN	Heterogeneous nuclear ribonucleoprotein M	0.386902132
Q8IXM3	0.3267	1.401737	RM41_HUMAN	Large ribosomal subunit protein L41	2.122157877
P53367	-0.765	1.400471	ARFIP1_HUMAN	Arfaptin-1	0.171563597
Q9BW71	-0.329	1.400070			0.468406709
Q9H6S3	0.1399	1.399709	ES8L2_HUMAN	Epidermal growth factor receptor	1.380114272
Q02487	0.6933	1.399489	DSC2_HUMAN	Desmocollin-2	4.936026732
O95302	-0.206	1.397081	FKBP9_HUMAN	Peptidyl-prolyl cis-trans isomerase B	0.621104358
Q8NFU3	-0.285	1.395514	TSTD1_HUMAN	Thiosulfate:glutathione sulfurtransferase	0.517676988
Q15428	-1.151	1.394182	SF3A2_HUMAN	Splicing factor 3A subunit 2	0.070556063
Q9P2D6	-1.625	1.394100	FAM135A_HUMAN	Protein FAM135A	0.023691218
Q8IVM0	1.2408	1.392500	CCD50_HUMAN	Coiled-coil domain-containing protein 50	17.41392008
Q8NFC6	0.9630	1.392377	BD1L1_HUMAN	Biorientation of chromosomes in meiosis	9.183514436
P36957	-0.131	1.392286	ODO2_HUMAN	Dihydrolipoylysine-residue succinyl transferase	0.73947776
P67812	0.2083	1.391942	SEC11A_HUMAN	Signal peptidase complex catalytic subunit	1.61576386
P48436	-0.225	1.390742	SOX9_HUMAN	Transcription factor SOX-9	0.594756257
P78417	0.1297	1.388981	GSTO1_HUMAN	Glutathione S-transferase omega	1.348262008
P28676	1.1654	1.388520	GRAN_HUMAN	Grancalcin	14.6369325
O95865	-0.460	1.386751	DDAH2_HUMAN	Putative hydrolase DDAH2	0.346081188
O75390	-0.319	1.383621	CISY_HUMAN	Citrate synthase, mitochondrial	0.479343273
P18085	-0.147	1.381965	ARF4_HUMAN	ADP-ribosylation factor 4	0.711915015
P05198	-0.163	1.380860	EIF2A_HUMAN	Eukaryotic translation initiation factor 2A	0.685631054
O43181	0.1634	1.380337	NDUS4_HUMAN	NADH dehydrogenase [ubiquinone] 4	1.457111581
Q8IYG6	4.3050	1.379830	LRC56_HUMAN	Leucine-rich repeat-containing protein 56	20187.22999
O60828	0.1424	1.379716	PQBP1_HUMAN	Polyglutamine-binding protein 1	1.388325712
P30043	0.3138	1.379006	BLVRB_HUMAN	Flavin reductase (NADPH)	2.05969161
Q9BRJ6	0.2600	1.378965	CG050_HUMAN	Uncharacterized protein C7orf50	1.819935611
Q7L2E3	-0.369	1.377300	DHX30_HUMAN	ATP-dependent RNA helicase DDX30	0.427251867
P02533	-0.160	1.376235	K1C14_HUMAN	Keratin, type I cytoskeletal 14	0.690527729
Q9UN86	0.1292	1.374713	G3BP2_HUMAN	Ras GTPase-activating protein-binding protein 2	1.346603017
P04844	0.4285	1.373502	RPN2_HUMAN	Dolichyl-diphosphooligosaccharide-modifying enzyme	2.682708529
Q9NQP4	-0.210	1.371622	PFD4_HUMAN	Prefoldin subunit 4	0.616121348
Q96C19	-0.179	1.370637	EFHD2_HUMAN	EF-hand domain-containing protein	0.662188280
P30044	-0.163	1.368191	PRDX5_HUMAN	Peroxiredoxin-5, mitochondrial	0.685696696
P63208	0.1307	1.367733	SKP1_HUMAN	S-phase kinase-associated protein 1	1.35132564
Q99536	-0.167	1.367203	VAT1_HUMAN	Synaptic vesicle membrane protein	0.679269294
Q71U36	-0.587	1.365936	TUBA1A_HUMAN	Tubulin alpha-1A chain	0.258496591

Q13404	-0.144	1.364916	UB2V1_HUMAN	Ubiquitin-conjugating enzyme E2UBE2V1	0.717018778							
P03886	0.7596	1.364286	NU1M_HUMAN	NADH-ubiquinone oxidoreductasMT-ND1	5.749886831							
Q13427	0.2230	1.364151	PPIG_HUMAN	Peptidyl-prolyl cis-trans isomeraPPIG	1.671297498							
P55265	-0.574	1.363842	DSRAD_HUMA	Double-stranded RNA-specific aADAR	0.266610340							
Q9NVP1	-0.320	1.362964	DDX18_HUMAN	ATP-dependent RNA helicase DDX18	0.478426205							
Q9ULX9	0.8705	1.362616	MAFF_HUMAN	Transcription factor MafF	MAFF	7.421737044						
P36776	-0.445	1.362323	LONM_HUMAN	Lon protease homolog, mitochondrial	LONP1	0.358664640						
P41223	-1.190	1.361515	BUD31_HUMAN	Protein BUD31 homolog	BUD31	0.064554864						
P15927	-1.011	1.361325	RFA2_HUMAN	Replication protein A 32 kDa sub	RPA2	0.097495865						
Q16576	0.1381	1.360143	RBBP7_HUMAN	Histone-binding protein RBBP7	RBBP7	1.374616324						
Q9NP92	0.6169	1.359938	RT30_HUMAN	Large ribosomal subunit protein	MRPS30	4.139338473						
Q9H0U3	0.3891	1.359031	MAGT1_HUMA	Magnesium transporter protein	1MAGT1	2.449847061						
O14744	-0.245	1.357269	ANM5_HUMAN	Protein arginine N-methyltransfe	PRMT5	0.567607597						
Q16595	0.1422	1.357014	FRDA_HUMAN	Frataxin, mitochondrial	FXN	1.387442754						
Q6IAA8	0.1726	1.356350	LTOR1_HUMAN	Ragulator complex protein LAM	LAMTOR1	1.488060618						
Q7L576	1.4550	1.356345	CYFP1_HUMAN	Cytoplasmic FMR1-interacting p	CYFIP1	28.51238174						
O14579	0.6131	1.355903	COPE_HUMAN	Coatomer subunit epsilon	COPE	4.10385713						
Q96T58	2.7591	1.354906	MINT_HUMAN	Msx2-interacting protein	SPEN	574.3687236						
P54136	-0.634	1.354786	SYRC_HUMAN	Arginine--tRNA ligase, cytoplasn	RARS1	0.232088525						
Q9H3K2	0.3289	1.354557	GHITM_HUMAN	Growth hormone-inducible trans	GHITM	2.132701346						
Q99623	-0.223	1.352037	PHB2_HUMAN	Prohibitin-2	PHB2	0.598143691						
Q08380	0.1321	1.351437	LG3BP_HUMAN	Galectin-3-binding protein	LGALS3BP	1.355560056						
P07305	0.1588	1.348978	H10_HUMAN	Histone H1.0	H1-0	1.441771568						
Q9NP77	0.1975	1.346947				1.575974394						
Q96DI7	-0.353	1.346921	Protein			0.443514234						
P34897	-0.350	1.346886				0.446432969						
Q3KQU3	0.5676	1.346818	Gene			3.694983726						
A0JLT2	0.533063	1.34342109				3.412450521						
P53621	-0.4234652	1.342222183				0.3771679115						
P49406	-0.2329751	1.34170482				0.5847934235						
Q9Y512	-0.299288	1.337631981				0.5020085882						
Q8TC79	0.2676045	1.336313093				1.851844786						
P54577	0.1489010	1.335061442				1.408967742						
P06737	-0.6831493	1.330648991				0.2074200062						
Q86SQ4	0.95424201	1.330303255				8.999989588						
O00273	-0.1557378	1.328920944				0.6986539793						
Q5RKV6	0.25451601	1.327420416				1.7986729						
Q9Y257	-0.62282661	1.326235951				0.2383270366						
Q60610	-0.5762375	1.325719264				0.2653154049						
P30533	-0.2938179	1.325680679				0.5083724463						
Q99643	-1.6527054	1.324728191				0.02224816515						
P26599	-0.42818601	1.323298765				0.3730902528						
P80303	0.4455922	1.321823227				2.789923191						
Q14247	0.1684651	1.318993589				1.473890196						
Q9NV59	-0.41382351	1.31805825				0.3856350175						
Q43615	-0.2186687	1.317188148				0.6044093902						
Q13535	13.0442031	1.316598724				11071419330456						
P39023	-0.5875186	1.316115473				0.2585124062						
P0DMV9	0.51932134	1.315954881				3.306141066						
P0DMV8	0.51932134	1.315954881				3.306141066						
Q13573	0.1675984	1.315356417				1.470951668						
Q8TED1	0.451507	1.313547478				2.828399723						
P55327	-0.1806705	1.3110096946				0.6596740845						
Q9HY8	0.2934244	1.309609036				1.965280174						
P52789	-1.7018454	1.304527596				0.01986801792						
Q94776	-1.5655033	1.304012166				0.02719547815						
Q13330	-1.5655033	1.304012166				0.02719547815						
Q9BTC8	-1.5655033	1.304012166				0.02719547815						
Q95342	0.84778861	1.303520689				7.043502563						
Q43819	-0.7698275	1.299743205				0.1698918021						
Q13085	-0.9003174	1.298839856				0.1258005567						
Q95782	-0.4576116	1.2975822				0.3486489166						
P28074	-0.1733975	1.297206609				0.6708144822						
Q9NPL8	-2.0268695	1.296759734				0.009400273726						
P05114	0.262623881	1.2965646106				1.830728123						











































<b>Symbol</b>	<b>Name</b>	Symbol
<a href="#">ALKBH2</a>	alkB, alkylation repair homolog 2 ( <i>E. coli</i> )	ALKBH2
<a href="#">ALKBH3</a>	alkB, alkylation repair homolog 3 ( <i>E. coli</i> )	ALKBH3
<a href="#">APEX1</a>	APEX nuclease (multifunctional DNA repair enzyme) 1	APEX1
<a href="#">ATM</a>	ATM serine/threonine kinase	ATM
<a href="#">ATR</a>	ATR serine/threonine kinase	ATR
<a href="#">BRCA1</a>	breast cancer 1, early onset	BRCA1
<a href="#">BRCA2</a>	breast cancer 2, early onset	BRCA2
<a href="#">BRIP1</a>	BRCA1 interacting protein C-terminal helicase 1	BRIP1
<a href="#">CCNH</a>	cyclin H	CCNH
<a href="#">CCNO</a>	cyclin O	CCNO
<a href="#">CDK7</a>	cyclin-dependent kinase 7	CDK7
<a href="#">DDB1</a>	damage-specific DNA binding protein 1, 127kDa	DDB1
<a href="#">DDB2</a>	damage-specific DNA binding protein 2, 48kDa	DDB2
<a href="#">ERCC1</a>	excision repair cross-complementation group 1	ERCC1
<a href="#">ERCC2</a>	excision repair cross-complementation group 2	ERCC2
<a href="#">ERCC3</a>	excision repair cross-complementation group 3	ERCC3
<a href="#">ERCC4</a>	excision repair cross-complementation group 4	ERCC4
<a href="#">ERCC5</a>	excision repair cross-complementation group 5	ERCC5
<a href="#">ERCC6</a>	excision repair cross-complementation group 6	ERCC6
<a href="#">ERCC8</a>	excision repair cross-complementation group 8	ERCC8
<a href="#">EXO1</a>	exonuclease 1	EXO1

<a href="#">FANCA</a>	Fanconi anemia, complementation group A	FANCA
<a href="#">FANCB</a>	Fanconi anemia, complementation group B	FANCB
<a href="#">FANCC</a>	Fanconi anemia, complementation group C	FANCC
<a href="#">FANCD2</a>	Fanconi anemia, complementation group D2	FANCD2
<a href="#">FANCE</a>	Fanconi anemia, complementation group E	FANCE
<a href="#">FANCF</a>	Fanconi anemia, complementation group F	FANCF
<a href="#">FANCG</a>	Fanconi anemia, complementation group G	FANCG
<a href="#">FANCI</a>	Fanconi anemia, complementation group I	FANCI
<a href="#">FANCL</a>	Fanconi anemia, complementation group L	FANCL
<a href="#">FANCM</a>	Fanconi anemia, complementation group M	FANCM
<a href="#">FEN1</a>	flap structure-specific endonuclease 1	FEN1
<a href="#">GTF2H1</a>	general transcription factor IIH, polypeptide 1, 62kDa	GTF2H1
<a href="#">GTF2H2</a>	general transcription factor IIH, polypeptide 2, 44kDa	GTF2H2
<a href="#">GTF2H3</a>	general transcription factor IIH, polypeptide 3, 34kDa	GTF2H3
<a href="#">GTF2H4</a>	general transcription factor IIH, polypeptide 4, 52kDa	GTF2H4
<a href="#">H2AFX</a>	H2A histone family, member X	H2AFX
<a href="#">LIG1</a>	ligase I, DNA, ATP-dependent	LIG1
<a href="#">LIG3</a>	ligase III, DNA, ATP-dependent	LIG3
<a href="#">LIG4</a>	ligase IV, DNA, ATP-dependent	LIG4