

## Mimetismo molecular e interacciones entre la glicoproteína S de SARS-CoV-2 y proteínas humanas

## Molecular mimicry and interactions between SARS-CoV-2 S glycoprotein and human proteins

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## DATOS SUPLEMENTARIOS

**TABLA 1. Moléculas humanas que pueden interactuar con gp S de SARS-CoV-2, de acuerdo con Bio-Grid (<https://thebiogrid.org/4383848>)**

Interactor	Sinonimia	Descripción
<a href="#">SLC38A1</a>	SAT1, ATA1, NAT2, SNAT1	solute carrier family 38, member 1
<a href="#">MAGT1</a>	IAP, XMEN, OST3B, MRX95, PRO0756, bA217H1.1, RP11-217H1.1	magnesium transporter 1
<a href="#">PDIA6</a>	P5, ERP5, TXNDC7	protein disulfide isomerase family A, member 6
<a href="#">CTDSP1</a>	NIF3, SCP1, NLIIF, NLI-IF	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1
<a href="#">NAALAD2</a>	GCPIII, GPCIII, NAALADASE2, NAADALASE2	N-acetylated alpha-linked acidic dipeptidase 2
<a href="#">FERMT2</a>	MIG2, KIND2, mig-2, UNC112, UNC112B, PLEKHC1	fermitin family member 2
<a href="#">PRKCD</a>	MAY1, PKCD, ALPS3, CVID9, nPKC-delta	protein kinase C, delta
<a href="#">SNX27</a>	MRT1, MY014, RP11-98D18.12-005	sorting nexin family member 27
<a href="#">TOR1AIP1</a>	LAP1, LAP1B, RP11-533E19.1	torsin A interacting protein 1
<a href="#">EFR3B</a>	KIAA0953, RP11-509E16.1	EFR3 homolog B (S. cerevisiae)
<a href="#">FLOT2</a>	ESA, ECS1, ESA1, M17S1, ECS-1	flotillin 2
<a href="#">ERGIC3</a>	Erv46, CGI-54, PRO0989, NY-BR-84, SDBCAG84, C20orf47, dj477O4.2, RP3-477O4.1	ERGIC and golgi 3
<a href="#">ALG1</a>	MT-1, HMT1, HMT-1, Mat-1, CDG1K, HMAT1, hMat-1, PSEC0061	ALG1, chitobiosyldiphosphodolichol beta-mannosyltransferase
<a href="#">KCNN4</a>	SK4, IK1, KCA4, hSK4, hKCa4, IKCA1, KCa3.1, hIKCa1	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4
<a href="#">EFNB1</a>	CFND, EFL3, CFNS, EFB1, Elk-L, EPLG2, LERK2, RP3-496G1.1	ephrin-B1
<a href="#">SNAP23</a>	SNAP23B, SNAP23A, SNAP-23, HsT17016	synaptosomal-associated protein, 23kDa
<a href="#">CDKAL1</a>	-	CDK5 regulatory subunit associated protein 1-like 1
<a href="#">SPCS2</a>	-	signal peptidase complex subunit 2 homolog (S. cerevisiae)
<a href="#">SEC23A</a>	CLSD	Sec23 homolog A (S. cerevisiae)
<a href="#">EPHB4</a>	HTK, MYK1, TYRO11	EPH receptor B4
<a href="#">STOM</a>	EPB7, BND7, EPB72, RP11-342H3.1	stomatin



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<a href="#">RAB2A</a>	LHX, RAB2	RAB2A, member RAS oncogene family
<a href="#">FAU</a>	S30, Fubi, Fub1, FAU1, asr1, RPS30, MNSFbeta	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed
<a href="#">TMED8</a>	L10, FAM15B	transmembrane emp24 protein transport domain containing 8
<a href="#">PLEKHA3</a>	FAPP1	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 3
<a href="#">EIF1</a>	ISO1, A121, SUI1, EIF1A, EIF-1	eukaryotic translation initiation factor 1
<a href="#">ABCB9</a>	TAPL, EST122234	ATP-binding cassette, sub-family B (MDR/TAP), member 9
<a href="#">LBR</a>	PHA, LMN2R, TDRD18, DHCR14B, PRO0650	lamin B receptor
<a href="#">MCAM</a>	CD146, MUC18	melanoma cell adhesion molecule
<a href="#">ABHD2</a>	HS1-2, LABH2, PHP51-2	abhydrolase domain containing 2
<a href="#">PDIA3</a>	P58, ER60, ERp60, ERp57, GRP58, GRP57, ERp61, PI-PLC, HsT17083, HEL-S-93n, ... more	protein disulfide isomerase family A, member 3
<a href="#">CHP1</a>	CHP, p22, p24, Sid470p, SLC9A1BP	calcineurin-like EF-hand protein 1
<a href="#">TMEM43</a>	LUMA, EDMD7, ARVD5, ARVC5, UNQ2564/PRO6244	transmembrane protein 43
<a href="#">EPB41L5</a>	YMO1, BE37	erythrocyte membrane protein band 4.1 like 5
<a href="#">GRAMD1A</a>	KIAA1533	GRAM domain containing 1A
<a href="#">CTSV</a>	CTSU, CTSL2, CATAL2, UNQ268/PRO305	cathepsin V
<a href="#">ITGA6</a>	CD49f, VLA-6, ITGA6B	integrin, alpha 6
<a href="#">RPS27A</a>	UBC, S27A, CEP80, UBA80, UBCEP1, HEL112, UBCEP80	ribosomal protein S27a
<a href="#">PLCL2</a>	PLCE2	phospholipase C-like 2
<a href="#">F2</a>	PT, THPH1, RPRGL2	coagulation factor II (thrombin)
<a href="#">SLC9A3R2</a>	SIP1, OCTS2, SIP-1, TKA-1, E3KARP, NHERF2, NHE3RF2, NHERF-2	solute carrier family 9, subfamily A (NHE3, cation proton antiporter 3), member 3 regulator 2
<a href="#">PIK3R3</a>	p55, p55-GAMMA, RP4-533D7.2	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)
<a href="#">TULP3</a>	TUBL3	tubby like protein 3
<a href="#">FAF2</a>	ETEA, UBXD8, UBXN3B	Fas associated factor family member 2
<a href="#">DMD</a>	BMD, CMD3B, MRX85, DDX270, DDX272, DDX164, DDX239, DDX206, DDX142, DDX230, ... more	dystrophin
<a href="#">BASP1</a>	CAP23, NAP22, CAP-23, NAP-22	brain abundant, membrane attached signal protein 1
<a href="#">EIF2S1</a>	EIF2, EIF-2, EIF2A, EIF-2A, EIF-2alpha	eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa
<a href="#">COPB2</a>	beta'-COP	coatomer protein complex, subunit beta 2 (beta prime)
<a href="#">ITPR3</a>	IP3R, IP3R3	inositol 1,4,5-trisphosphate receptor, type 3
<a href="#">ARPC1B</a>	ARC41, p40-ARC, p41-ARC	actin related protein 2/3 complex, subunit 1B, 41kDa
<a href="#">FUT8</a>	-	fucosyltransferase 8 (alpha (1,6) fucosyltransferase)
<a href="#">AGPAT5</a>	LPAATE, 1AGPAT5	1-acylglycerol-3-phosphate O-acyltransferase 5
<a href="#">SREBF2</a>	SREBP2, bHLhd2, SREBP-2, CTA-250D10.14-005	sterol regulatory element binding transcription factor 2
<a href="#">HSD17B11</a>	DHRS8, PAN1B, SDR16C2, RETSDR2, 17BHSD11, PSEC0029, 17-BETA-HSD11, 17-BETA-HSDXI	hydroxysteroid (17-beta) dehydrogenase 11
<a href="#">FUK</a>	UNQ5838, 1110046B12Rik	fucokinase
<a href="#">F10</a>	FX, FXA, RP11-98F14.9	coagulation factor X
<a href="#">LMAN2</a>	GP36B, VIP36, C5orf8	lectin, mannose-binding 2
<a href="#">LRP6</a>	ADCAD2	low density lipoprotein receptor-related protein 6



<a href="#">CTSK</a>	CTSO, PYCD, PKND, CTSO2, CTSO1, CTSO2, RP11-363I22.4	cathepsin K
<a href="#">OSBPL8</a>	ORP8, MST120, OSBP10, MSTP120	oxysterol binding protein-like 8
<a href="#">DDX39B</a>	BAT1, UAP56, D6S81E, DAAP-97M17.4	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B
<a href="#">SEC63</a>	ERdj2, SEC63L, DNAJC23, PRO2507, RP1-191J18.4	SEC63 homolog ( <i>S. cerevisiae</i> )
<a href="#">SUN2</a>	UNC84B, RP3-508I15.15-002	Sad1 and UNC84 domain containing 2
<a href="#">VAT1</a>	VAT1	vesicle amine transport 1
<a href="#">ABCC2</a>	DJS, cMRP, MRP2, CMOAT, ABC30, RP11-114F7.2	ATP-binding cassette, sub-family C (CFTR/MRP), member 2
<a href="#">TOM1</a>	CTA-286B10.4	target of myb1 (chicken)
<a href="#">HMOX2</a>	HO-2	heme oxygenase (decycling) 2
<a href="#">TRAPPC8</a>	GSG1, TRS85, HsT2706, KIAA1012	trafficking protein particle complex 8
<a href="#">SLC9A3R1</a>	NHERF, EBP50, NHERF1, NPHLOP2, NHERF-1	solute carrier family 9, subfamily A (NHE3), cation proton antiporter 3), member 3 regulator 1
<a href="#">SAR1A</a>	SAR1, Sara, SARA1, masra2, RP11-367H5.4	secretion associated, Ras related GTPase 1A
<a href="#">HM13</a>	SPP, H13, IMP1, PSL3, SPPL1, IMPAS, PSEN1L3, MSTP086, IMPAS-1, dj324O17.1, ... more	histocompatibility (minor) 13
<a href="#">SMU1</a>	BWD, SMU-1, fSAP57, RP11-54K16.3	smu-1 suppressor of mec-8 and unc-52 homolog ( <i>C. elegans</i> )
<a href="#">ACACA</a>	ACC, ACCA, ACAC, ACC1, ACACAD	acetyl-CoA carboxylase alpha
<a href="#">ANKLE2</a>	Lem4, LEMD7, KIAA0692	ankyrin repeat and LEM domain containing 2
<a href="#">ESYT1</a>	MBC2, FAM62A	extended synaptotagmin-like protein 1
<a href="#">VPS35</a>	MEM3, PARK17, TCCCTA00141	vacuolar protein sorting 35 homolog ( <i>S. cerevisiae</i> )
<a href="#">JAM3</a>	JAMC, JAM-2, JAM-3, JAM-C, UNQ859/PRO1868	junctional adhesion molecule 3
<a href="#">DCBLD2</a>	ESDN, CLCP1	discoidin, CUB and LCCL domain containing 2
<a href="#">SPAG1</a>	TPIS, SP75, CT140, CILD28, HSD-3.8	sperm associated antigen 1
<a href="#">SLC1A5</a>	R16, AAAT, M7V1, RDRC, ATBO, ASCT2, M7VS1	solute carrier family 1 (neutral amino acid transporter), member 5
<a href="#">FAM83B</a>	C6orf143, RP3-523K23.2	family with sequence similarity 83, member B
<a href="#">CTNND1</a>	CAS, p120, CTNND, P120CAS, P120CTN, p120(CAS), p120(CTN)	catenin (cadherin-associated protein), delta 1
<a href="#">MINK1</a>	B55, ZC3, MINK, YSK2, hMINK, MAP4K6, hMINKbeta	misshapen-like kinase 1
<a href="#">KREMEN2</a>	KRM2	kringle containing transmembrane protein 2
<a href="#">PRMT1</a>	ANM1, HCP1, IR1B4, HRMT1L2	protein arginine methyltransferase 1
<a href="#">PRKCSH</a>	PLD1, PCLD, G19P1, PKCSH, AGE-R2	protein kinase C substrate 80K-H
<a href="#">SLC12A2</a>	BSC, BSC2, NKCC1, PPP1R141	solute carrier family 12 (sodium/potassium/chloride transporter), member 2
<a href="#">SUN1</a>	UNC84A	Sad1 and UNC84 domain containing 1
<a href="#">ARL13B</a>	JBTS8, ARL2L1	ADP-ribosylation factor-like 13B
<a href="#">FSCN1</a>	SNL, p55, HSN, FAN1	fascin actin-bundling protein 1
<a href="#">PKMYT1</a>	MYT1, PPP1R126	protein kinase, membrane associated tyrosine/threonine 1
<a href="#">RCC2</a>	TD-60	regulator of chromosome condensation 2
<a href="#">SGPL1</a>	SPL, S1PL	sphingosine-1-phosphate lyase 1
<a href="#">SIGLEC10</a>	SLG2, PRO940, SIGLEC-10, UNQ477/PRO940	sialic acid binding Ig-like lectin 10
<a href="#">DEPDC7</a>	TR2, dj85M6.4	DEP domain containing 7
<a href="#">WDR72</a>	AI2A3	WD repeat domain 72
<a href="#">AUP1</a>	-	ancient ubiquitous protein 1
<a href="#">ATP6V0A2</a>	A2, RTF, WSS, TJ6, STV1, TJ6S, VPH1, ARCL,	ATPase, H <sup>+</sup> transporting, lysosomal V0



<a href="#">EFNB3</a>	J6B7, TJ6M, ... more	subunit a2
<a href="#">LAMTOR1</a>	EFL6, EPLG8, LERK8	ephrin-B3
<a href="#">LAMTOR1</a>	p18, PDRO, PP7157, C11orf59, p27RF-Rho, Ragulator1	late endosomal/lysosomal adaptor, MAPK and MTOR activator 1
<a href="#">LPCAT4</a>	AYTL3, AGPAT7, LPEAT2, LPAAT-eta	lysophosphatidylcholine acyltransferase 4
<a href="#">ATP2A2</a>	DD, DAR, ATP2B, SERCA2	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2
<a href="#">ACSL4</a>	ACS4, MRX68, MRX63, LACS4, FACL4	acyl-CoA synthetase long-chain family member 4
<a href="#">SLC35B2</a>	SLL, PAPST1, UGTrel4, RP1-302G2.3	solute carrier family 35 (adenosine 3'-phospho 5'-phosphosulfate transporter), member B2
<a href="#">DDRGK1</a>	UFBP1, C20orf116, dj1187M17.3	DDRGK domain containing 1
<a href="#">DAG1</a>	DAG, A3a, AGRNR, 156DAG, MDDGC9, MDDGC7	dystroglycan 1 (dystrophin-associated glycoprotein 1)
<a href="#">C18ORF32</a>	-	chromosome 18 open reading frame 32
<a href="#">GRAMD1B</a>	UNQ3032/PRO9834	GRAM domain containing 1B
<a href="#">UNC5B</a>	UNC5H2, p53RDL1, RP11-58O1.1	unc-5 homolog B ( <i>C. elegans</i> )
<a href="#">VRK2</a>	-	vaccinia related kinase 2
<a href="#">CDC42EP4</a>	CEP4, BORG4, KAIA1777	CDC42 effector protein (Rho GTPase binding) 4
<a href="#">SCAMP3</a>	C1orf3	secretory carrier membrane protein 3
<a href="#">RASAL2</a>	NGAP, RP4-593C16.1	RAS protein activator like 2
<a href="#">PPP1R16B</a>	TIMAP, ANKRD4, RP5-1076E17.1	protein phosphatase 1, regulatory subunit 16B
<a href="#">CISD2</a>	WFS2, ERIS, ZCD2, NAF-1, Miner1	CDGSH iron sulfur domain 2
<a href="#">ARL6IP5</a>	jmx, JWA, hp22, PRAF3, DERP11, HSPC127, addicsin, GTRAP3-18	ADP-ribosylation factor-like 6 interacting protein 5
<a href="#">RTN4RL2</a>	NgR2, NGRH1	reticulon 4 receptor-like 2
<a href="#">SLC39A10</a>	LZT-Hs2	solute carrier family 39 (zinc transporter), member 10
<a href="#">PIKFYVE</a>	CFD, FAB1, PIP5K, HEL37, PIP5K3, ZFYVE29	phosphoinositide kinase, FYVE finger containing
<a href="#">SPTLC1</a>	SPTI, LBC1, LCB1, SPT1, HSN1, HSAN1, RP11-118F2.1	serine palmitoyltransferase, long chain base subunit 1
<a href="#">PTDSS1</a>	LMHD, PSS1, PSSA	phosphatidylserine synthase 1
<a href="#">ADCY9</a>	AC9	adenylate cyclase 9
<a href="#">SLC7A11</a>	xCT, CCBR1	solute carrier family 7 (anionic amino acid transporter light chain, xc- system), member 11
<a href="#">LYN</a>	JTK8, p56Lyn, p53Lyn	LYN proto-oncogene, Src family tyrosine kinase
<a href="#">SNX14</a>	RGS-PX2, RP11-321N4.2	sorting nexin 14
<a href="#">RPS6</a>	S6, RP11-513M16.6	ribosomal protein S6
<a href="#">CERS2</a>	L3, SP260, LASS2, TMSG1, RP11-316M1.2	ceramide synthase 2
<a href="#">ATP6V0C</a>	Vma3, VPPC, ATPL, VATL, ATP6L, ATP6C	ATPase, H+ transporting, lysosomal 16kDa, V0 subunit c
<a href="#">SNTB1</a>	A1B, SNT2, BSYN2, 59-DAP, TIP-43, DAPA1B, SNT2B1	syntrophin, beta 1 (dystrophin-associated protein A1, 59kDa, basic component 1)
<a href="#">AHCY</a>	SAHH, adoHcyase	adenosylhomocysteinase
<a href="#">EMC3</a>	POB, TMEM111	ER membrane protein complex subunit 3
<a href="#">SLC6A6</a>	TAUT	solute carrier family 6 (neurotransmitter transporter), member 6
<a href="#">VAPA</a>	VAP33, VAP-A, VAP-33, hVAP-33	VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa
<a href="#">CHML</a>	REP2	choroideremia-like (Rab escort protein 2)
<a href="#">NUMB</a>	S171, C14orf41, c14_5527	numb homolog ( <i>Drosophila</i> )
<a href="#">AP2M1</a>	mu2, AP50, CLAPM1	adaptor-related protein complex 2, mu 1 subunit
<a href="#">C1ORF43</a>	NICE-3, S863-3, HSPC012, NS5ATP4	chromosome 1 open reading frame 43
<a href="#">SRP19</a>	-	signal recognition particle 19kDa
<a href="#">VAPB</a>	ALS8, VAP-B, VAMP-B, RP5-1018E9.1	VAMP (vesicle-associated membrane



		protein)-associated protein B and C
<a href="#">FADS2</a>	D6D, DES6, TU13, FADSD6, LLCDL2, SLL0262	fatty acid desaturase 2
<a href="#">HMGB1</a>	HMG1, HMG3, SBP-1, RP11-550P23.1	high mobility group box 1
<a href="#">TMEM38B</a>	OI14, TRICB, TRIC-B, C9orf87, D4Ert89e, bA219P18.1, RP11-219P18.1	transmembrane protein 38B
<a href="#">MAPKAP1</a>	SIN1, MIP1, JC310, SIN1g, SIN1b, RP11-269P11.1	mitogen-activated protein kinase associated protein 1
<a href="#">NIPSNAP1</a>	-	nipsnap homolog 1 ( <i>C. elegans</i> )
<a href="#">CAB39</a>	MO25, CGI-66	calcium binding protein 39
<a href="#">CDH17</a>	HPT1, HPT-1, CDH16	cadherin 17, LI cadherin (liver-intestine)
<a href="#">GPC3</a>	SGB, DGSX, SDYS, MXR7, SGBS, SGBS1, OCI-5, GTR2-2, AC002420.1	glypican 3
<a href="#">LILRB2</a>	ILT4, LIR2, LIR-2, ILT-4, CD85D, MIR10, MIR-10, XXbac-BCX105G6.12-005	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2
<a href="#">RPN1</a>	OST1, RBPH1	ribophorin I
<a href="#">MXRA7</a>	TMAP1, PS1TP1	matrix-remodelling associated 7
<a href="#">CSNK1G3</a>	CSNK1G3L, CKI-gamma 3	casein kinase 1, gamma 3
<a href="#">TXND5</a>	HCC-2, ERP46, STRF8, UNQ364, PDIA15, ENDOPDI, RP1-126E20.1	thioredoxin domain containing 5 (endoplasmic reticulum)
<a href="#">KCNB2</a>	KV2.2	potassium voltage-gated channel, Shab-related subfamily, member 2
<a href="#">ELOVL1</a>	Ssc1, CGI-88	ELOVL fatty acid elongase 1
<a href="#">LGR4</a>	GPR48, BNMD17	leucine-rich repeat containing G protein-coupled receptor 4
<a href="#">CAPN2</a>	CANP2, mCANP, CANPL2, CANPml	calpain 2, (m/l)I large subunit
<a href="#">CCDC47</a>	GK001, MSTP041	coiled-coil domain containing 47
<a href="#">NID1</a>	NID	nidogen 1
<a href="#">RAB11A</a>	YL8	RAB11A, member RAS oncogene family
<a href="#">SLC4A2</a>	AE2, HKB3, NBND3, BND3L, EPB3L1	solute carrier family 4 (anion exchanger), member 2
<a href="#">PSMB5</a>	X, MB1, LMPX	proteasome (prosome, macropain) subunit, beta type, 5
<a href="#">SNX6</a>	TFAF2, MSTP010	sorting nexin 6
<a href="#">PROM1</a>	RP41, CD133, MCDR2, STGD4, AC133, CORD12, PROML1, MSTP061	prominin 1
<a href="#">TOR1AIP2</a>	NET9, LULL1, IFRG15, RP11-12M5.5	torsin A interacting protein 2
<a href="#">LAMTOR3</a>	MP1, MAPBP, PRO2783, MAPKSP1, PRO0633, MAP2K1IP1, Ragulator3	late endosomal/lysosomal adaptor, MAPK and MTOR activator 3
<a href="#">EPB41L2</a>	4.1G, 4.1-G, RP3-324N14.1	erythrocyte membrane protein band 4.1-like 2
<a href="#">BANF1</a>	BAF, NGPS, BCRP1, D14S1460	barrier to autointegration factor 1
<a href="#">KIAA1715</a>	UI, LNP, LNP1, ulnaless	KIAA1715
<a href="#">TMCO4</a>	RP5-1056L3.6	transmembrane and coiled-coil domains 4
<a href="#">CPNE8</a>	-	copine VIII
<a href="#">ITGB5</a>	-	integrin, beta 5
<a href="#">MTDH</a>	3D3, AEG1, LYRIC, AEG-1, LYRIC/3D3	metadherin
<a href="#">CD44</a>	IN, LHR, MDU3, MIC4, MC56, MDU2, Pgp1, HCELL, CSPG8, CDW44, ... more	CD44 molecule (Indian blood group)
<a href="#">LPHN2</a>	CL2, LEC1, LPH1, CIRL2	latrophilin 2
<a href="#">FAM49B</a>	L1, BM-009	family with sequence similarity 49, member B
<a href="#">RPL26L1</a>	RPL26P1	ribosomal protein L26-like 1
<a href="#">TEX264</a>	ZSIG11, UNQ337/PRO536	testis expressed 264
<a href="#">SLCO4C1</a>	OATPX, OATP-H, OATP-M1, PRO2176, OATP4C1, SLC21A20	solute carrier organic anion transporter family, member 4C1
<a href="#">CLEC10A</a>	HML, MGL, HML2, CD301, CLECSF14, CLECSF13	C-type lectin domain family 10, member A
<a href="#">HLA-A</a>	HLAA, DAQB-90C11.16-002	major histocompatibility complex, class I, A
<a href="#">SSR1</a>	TRAPA, PSEC0262	signal sequence receptor, alpha
<a href="#">PIGU</a>	GAB1, CDC91L1, RP11-346K17.2	phosphatidylinositol glycan anchor



<a href="#">NETO2</a>	NEOT2, BTCL2, UNQ1926/PRO4401	biosynthesis, class U neuropilin (NRP) and tolloid (TLL)-like 2
<a href="#">LAMTOR5</a>	XIP, HBXIP	late endosomal/lysosomal adaptor, MAPK and MTOR activator 5
<a href="#">RDX</a>	DFNB24	radixin
<a href="#">STT3B</a>	SIMP, CDG1X, STT3-B	STT3B, subunit of the oligosaccharyltransferase complex (catalytic)
<a href="#">CASK</a>	CMG, LIN2, FGS4, TNRC8, MICPCH, MRXSNA, CAMGUK, CAGH39, RP11-540L11.1	calcium/calmodulin-dependent serine protein kinase (MAGUK family)
<a href="#">DNAJC16</a>	RP4-680D5.1	DnaJ (Hsp40) homolog, subfamily C, member 16
<a href="#">ZDHHC5</a>	DHHC5, ZNF375	zinc finger, DHHC-type containing 5
<a href="#">PLD1</a>	-	phospholipase D1, phosphatidylcholine-specific
<a href="#">CERS4</a>	Trh1, LASS4	ceramide synthase 4
<a href="#">STK11</a>	PJS, LKB1, hLKB1	serine/threonine kinase 11
<a href="#">RPS24</a>	S24, DBA3, RP11-6P10.1	ribosomal protein S24
<a href="#">MGAT2</a>	GNT2, CDG2A, CDGS2, GNT-II, GLCNACTII	mannosyl (alpha-1,6)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase
<a href="#">TRIP11</a>	ACG1A, CEV14, TRIP230, TRIP-11, GMAP-210	thyroid hormone receptor interactor 11
<a href="#">CACHD1</a>	RP4-655E10.1	cache domain containing 1
<a href="#">SPRY1</a>	hSPRY1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)
<a href="#">YKT6</a>	-	YKT6 v-SNARE homolog (S. cerevisiae)
<a href="#">KCNQ5</a>	Kv7.5, RP11-257K9.5	potassium voltage-gated channel, KQT-like subfamily, member 5
<a href="#">RAB35</a>	RAY, RAB1C, H-ray	RAB35, member RAS oncogene family
<a href="#">CBR1</a>	CBR, hCBR1, SDR21C1	carbonyl reductase 1
<a href="#">VPS26A</a>	HB58, VPS26, PEP8A, Hbeta58	vacuolar protein sorting 26 homolog A (S. pombe)
<a href="#">WDR48</a>	P80, UAF1, SPG60	WD repeat domain 48
<a href="#">MFSD8</a>	CLN7	major facilitator superfamily domain containing 8
<a href="#">SCD</a>	SCD1, FADS5, SCDOS, PRO1933, MSTP008	stearoyl-CoA desaturase (delta-9-desaturase)
<a href="#">LPGAT1</a>	NET8, FAM34A, FAM34A1	lysophosphatidylglycerol acyltransferase 1
<a href="#">PTPRG</a>	PTPG, RPTPG, HPTPG, R-PTP-GAMMA	protein tyrosine phosphatase, receptor type, G
<a href="#">CLCN2</a>	EGI3, CLC2, EJM6, ECA3, ECA2, EGMA, EJM8, cIC-2, EGI11, LKPAT, ... more	chloride channel, voltage-sensitive 2
<a href="#">CLPTM1L</a>	CRR9	CLPTM1-like
<a href="#">PRKD3</a>	PKD3, EPK2, PRKCN, PKC-NU, nPKC-NU	protein kinase D3
<a href="#">STIM1</a>	GOK, TAM, TAM1, STRMK, IMD10, D11S4896E	stromal interaction molecule 1
<a href="#">RIC1</a>	CIP150, KIAA1432, bA207C16.1	RAB6A GEF complex partner 1
<a href="#">CHMP7</a>	-	charged multivesicular body protein 7
<a href="#">RPL23</a>	L23, rpL17	ribosomal protein L23
<a href="#">CAMP</a>	LL37, CRAMP, HSD26, CAP18, FALL39, CAP-18, FALL-39	cathelicidin antimicrobial peptide
<a href="#">GOPC</a>	FIG, CAL, PIST, GOPC1, dj94G16.2	golgi-associated PDZ and coiled-coil motif containing
<a href="#">TLR4</a>	TOLL, TLR-4, CD284, ARMD10	toll-like receptor 4
<a href="#">PDIA4</a>	ERP72, ERP70, ERp-72	protein disulfide isomerase family A, member 4
<a href="#">EMC2</a>	TTC35, KIAA0103	ER membrane protein complex subunit 2
<a href="#">ATP2B1</a>	PMCA1, PMCA1kb	ATPase, Ca++ transporting, plasma membrane 1
<a href="#">DHCR7</a>	SLOS	7-dehydrocholesterol reductase
<a href="#">GPR89A</a>	GPHR, SH120, GPR89, UNQ192, GPR89B,	G protein-coupled receptor 89A



	RP11-373C9.3	
<a href="#">CABLES1</a>	IK3-1, CABL1, CABLES, HsT2563	Cdk5 and Abl enzyme substrate 1
<a href="#">ROR2</a>	BDB, BDB1, NTRKR2, RP11-8I8.2	receptor tyrosine kinase-like orphan receptor 2
<a href="#">MYADM</a>	SB135, UNQ553/PRO1110	myeloid-associated differentiation marker
<a href="#">RP2</a>	XRP2, NME10, TBCCD2, NM23-H10, DELxp11.3	retinitis pigmentosa 2 (X-linked recessive)
<a href="#">PLCB1</a>	PLC-I, EIEE12, PLCB1B, PLC154, PLCB1A, PI-PLC, PLC-154, RP4-654A7.1	phospholipase C, beta 1 (phosphoinositide-specific)
<a href="#">SLC27A4</a>	IPS, FATP4, ACSVL4, RP11-339B21.7	solute carrier family 27 (fatty acid transporter), member 4
<a href="#">PIK3CB</a>	PI3K, PIK3C1, P110BETA, PI3KBETA	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit beta
<a href="#">ABCC3</a>	MLP2, MRP3, ABC31, cMOAT2, MOAT-D, EST90757	ATP-binding cassette, sub-family C (CFTR/MRP), member 3
<a href="#">SPTLC2</a>	LCB2, SPT2, LCB2A, HSN1C, NSAN1C, hLCB2a	serine palmitoyltransferase, long chain base subunit 2
<a href="#">ITFG3</a>	gs19, C16orf9	integrin alpha FG-GAP repeat containing 3
<a href="#">BCAP31</a>	CDM, DDCH, BAP31, 6C6-AG, DXS1357E	B-cell receptor-associated protein 31
<a href="#">VANGL1</a>	STB2, LPP2, STBM2, KITENIN	VANGL planar cell polarity protein 1
<a href="#">FKBP8</a>	FKBP38, FKBPr38	FK506 binding protein 8, 38kDa
<a href="#">KIAA1244</a>	BIG3, A7322, C6orf92, PPP1R33, ARFGEF3, dj171N11.1, RP1-171N11.1	KIAA1244
<a href="#">TOR4A</a>	C9orf167, RP13-122B23.4	torsin family 4, member A
<a href="#">EHD4</a>	PAST4, FKSG7	EH-domain containing 4
<a href="#">SIGLEC9</a>	CD329, CDw329, FOAP-9, siglec-9, OBBP-LIKE, UNQ668/PRO1302	sialic acid binding Ig-like lectin 9
<a href="#">CKAP4</a>	p63, ERGIC-63, CLIMP-63	cytoskeleton-associated protein 4
<a href="#">USE1</a>	P31, D12, SLT1, MDS032	unconventional SNARE in the ER 1 homolog ( <i>S. cerevisiae</i> )
<a href="#">SLC26A6</a>	-	solute carrier family 26 (anion exchanger), member 6
<a href="#">PHACTR4</a>	PPP1R124, RP11-442N24_A.1	phosphatase and actin regulator 4
<a href="#">SRPR</a>	DP, Sralpha	signal recognition particle receptor (docking protein)
<a href="#">AGPAT9</a>	MAG1, GPAT3, AGPAT8, HMFN0839, AGPAT 10, LPAAT-theta	1-acylglycerol-3-phosphate O-acyltransferase 9
<a href="#">ANO6</a>	SCTS, BDPLT7, TMEM16F	anoctamin 6
<a href="#">DST</a>	DT, BPA, DMH, EBSB2, MACF2, HSAN6, BP240, BPAG1, CATX15, CATX-15, ... more	dystonin
<a href="#">HAVCR1</a>	TIM, KIM1, TIM1, KIM-1, TIM-1, HAVCR, TIMD1, TIMD-1, HAVCR-1	hepatitis A virus cellular receptor 1
<a href="#">THEM6</a>	DSCD75, C8orf55, PSEC0098	thioesterase superfamily member 6
<a href="#">SREBF1</a>	SREBP1, bHLhd1, SREBP-1c	sterol regulatory element binding transcription factor 1
<a href="#">ZFPL1</a>	MCG4, D11S750	zinc finger protein-like 1
<a href="#">STIM2</a>	-	stromal interaction molecule 2
<a href="#">RFTN1</a>	PIG9, MIG2, PIB10, RAFTLIN	raftlin, lipid raft linker 1
<a href="#">PRKCQ</a>	PRKCT, nPKC-theta, RP11-563J2.1	protein kinase C, theta
<a href="#">TRAPPCL12</a>	TTC15, TTC-15, CGI-87	trafficking protein particle complex 12
<a href="#">TAP1</a>	CMVFR	transmembrane anterior posterior transformation 1
<a href="#">USP32</a>	USP10, NY-REN-60	ubiquitin specific peptidase 32
<a href="#">DHCR24</a>	DCE, SELADIN1, seladin-1, Nbla03646	24-dehydrocholesterol reductase
<a href="#">APOA4</a>	-	apolipoprotein A-IV
<a href="#">TMEM167A</a>	TMEM167	transmembrane protein 167A
<a href="#">SLC33A1</a>	AT1, AT-1, SPG42, ACATN, CCHLND	solute carrier family 33 (acetyl-CoA transporter), member 1
<a href="#">TBC1D22B</a>	C6orf197, RP4-744I24.2	TBC1 domain family, member 22B
<a href="#">KTN1</a>	CG1, KNT, MU-RMS-40.19	kinectin 1 (kinesin receptor)
<a href="#">KREMEN1</a>	KRM1, KREMEN, CTA-57G9.2	kringle containing transmembrane protein 1



<a href="#">SLC12A4</a>	KCC1	solute carrier family 12 (potassium/chloride transporter), member 4
<a href="#">MIF</a>	GIF, GLIF, MMIF	macrophage migration inhibitory factor (glycosylation-inhibiting factor)
<a href="#">OSMR</a>	PLCA1, OSMRB	oncostatin M receptor
<a href="#">TBL2</a>	WBSCR13, WS-betaTRP, UNQ563/PRO1125	transducin (beta)-like 2
<a href="#">PGRMC2</a>	DG6, PMBP	progesterone receptor membrane component 2
<a href="#">SEC22B</a>	ERS-24, SEC22L1	SEC22 vesicle trafficking protein homolog B ( <i>S. cerevisiae</i> ) (gene/pseudogene)
<a href="#">FAM171B</a>	NPD019, KIAA1946	family with sequence similarity 171, member B
<a href="#">LLGL1</a>	HUGL, DLG4, LLGL, HUGL1, HUGL-1	lethal giant larvae homolog 1 ( <i>Drosophila</i> )
<a href="#">WWOX</a>	FOR, WOX1, FRA16D, SCAR12, HHCMA56, PRO0128, SDR41C1, D16S432E	WW domain containing oxidoreductase
<a href="#">EPHA4</a>	SEK, HEK8, TYRO1	EPH receptor A4
<a href="#">DSTN</a>	ADF, HEL32, ACTDP, bA462D18.2	destrin (actin depolymerizing factor)
<a href="#">JUP</a>	DP3, PDGB, PKGB, CTNNG, DPIII, ARVD12	junction plakoglobin
<a href="#">SPATA5L1</a>	-	spermatogenesis associated 5-like 1
<a href="#">EFNB2</a>	HTKL, LERK5, Htk-L, EPLG5, RP11-272L14.1	ephrin-B2
<a href="#">FAM135A</a>	KIAA1411, RP1-198I9.1	family with sequence similarity 135, member A
<a href="#">KIAA0195</a>	TMEM94	KIAA0195
<a href="#">ANKS6</a>	PKDR1, SAMD6, NPHP16, ANKRD14, RP11-207C11.3	ankyrin repeat and sterile alpha motif domain containing 6
<a href="#">DGKE</a>	DGK, DAGK5, DAGK6, NPHS7	diacylglycerol kinase, epsilon 64kDa
<a href="#">CLPTM1</a>	-	cleft lip and palate associated transmembrane protein 1
<a href="#">PPP1R15B</a>	CREP	protein phosphatase 1, regulatory subunit 15B
<a href="#">CEACAM5</a>	CEA, CD66e	carcinoembryonic antigen-related cell adhesion molecule 5
<a href="#">METTL7A</a>	AAM-B, PRO0066	methyltransferase like 7A
<a href="#">DARS</a>	HBSL, aspRS, PIG40	aspartyl-tRNA synthetase
<a href="#">TMEM33</a>	SHINC3, 1600019D15Rik	transmembrane protein 33
<a href="#">TMEM230</a>	HSPC274, C20orf30, dj1116H23.2.1, RP5-1116H23.2	transmembrane protein 230
<a href="#">OCLN</a>	BLCPMG, PPP1R115, hCG_1988850	occludin
<a href="#">YIPF5</a>	SMAP5, SB140, YIP1A, SMAP-5, FinGER5, PP12723	Yip1 domain family, member 5
<a href="#">CDK5RAP3</a>	C53, IC53, LZAP, PP1553, MST016, HSF-27, MSTP016, OK/SW-cl.114	CDK5 regulatory subunit associated protein 3
<a href="#">GPR126</a>	DREG, VIGR, APG1, PS1TP2	G protein-coupled receptor 126
<a href="#">FAT1</a>	ME5, FAT, CDHR8, CDHF7, hFat1	FAT atypical cadherin 1
<a href="#">ERBB2</a>	NGL, NEU, TKR1, HER2, CD340, HER-2, MLN 19, HER-2/neu	erb-b2 receptor tyrosine kinase 2
<a href="#">USP6NL</a>	RNTRE, TRE2NL, USP6NL-IT1, RP11-89C21.1	USP6 N-terminal like
<a href="#">CNP</a>	CNP1	2',3'-cyclic nucleotide 3' phosphodiesterase
<a href="#">NDUFAF4</a>	My013, C6orf66, HRPAP20, HSPC125, bA22L21.1	NADH dehydrogenase (ubiquinone) complex I, assembly factor 4
<a href="#">CNP</a>	CNP1	2',3'-cyclic nucleotide 3' phosphodiesterase
<a href="#">NDUFAF4</a>	My013, C6orf66, HRPAP20, HSPC125, bA22L21.1	NADH dehydrogenase (ubiquinone) complex I, assembly factor 4
<a href="#">CTSL</a>	MEP, CATL, CTS1, RP11-65B23.1	cathepsin L
<a href="#">PPP1R15B</a>	CREP	protein phosphatase 1, regulatory subunit 15B
<a href="#">STX5</a>	SED5, STX5A	syntaxin 5
<a href="#">TMEM51</a>	C1orf72	transmembrane protein 51
<a href="#">ISOC1</a>	CGI-111	isochorismatase domain containing 1
<a href="#">ATP2B4</a>	MXRA1, PMCA4, ATP2B2, PMCA4b, PMCA4x	ATPase, Ca++ transporting, plasma membrane 4



<a href="#">CSPG4</a>	NG2, MCSP, MCSPG, MSK16, HMW-MAA, MEL-CSPG	chondroitin sulfate proteoglycan 4
<a href="#">TRIM13</a>	CAR, LEU5, RFP2, DLEU5, RNF77	tripartite motif containing 13
<a href="#">RICTOR</a>	PIA, AVO3, hAVO3	RPTOR independent companion of MTOR, complex 2
<a href="#">PSMC1</a>	S4, p56, P26S4	proteasome (prosome, macropain) 26S subunit, ATPase, 1
<a href="#">GOLGA7</a>	GCP16, HSPC041, GOLGA7A, HDCKB03P, GOLGA3AP1	golgin A7
<a href="#">AXL</a>	ARK, UFO, Tyro7, JTK11	AXL receptor tyrosine kinase
<a href="#">STX7</a>	RP11-560I21.1	syntaxin 7
<a href="#">EARS2</a>	MSE1, COXPD12	glutamyl-tRNA synthetase 2, mitochondrial
<a href="#">RPL35A</a>	DBA5, L35A, GIG33	ribosomal protein L35a
<a href="#">MICAL2</a>	MICAL-2, MICAL2PV2, MICAL2PV1	microtubule associated monooxygenase, calponin and LIM domain containing 2
<a href="#">MARK3</a>	KP78, PAR1A, CTAK1, Par-1a	MAP/microtubule affinity-regulating kinase 3
<a href="#">RAC1</a>	MIG5, Rac-1, TC-25, p21-Rac1	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)
<a href="#">ABCC1</a>	MRP, MRP1, GS-X, ABCC, ABC29	ATP-binding cassette, sub-family C (CFTR/MRP), member 1
<a href="#">BTN3A2</a>	BTF4, CD277, BT3.2, BTN3.2	butyrophilin, subfamily 3, member A2
<a href="#">SAR1B</a>	ANDD, CMRD, SARA2, GTBPB	secretion associated, Ras related GTPase 1B
<a href="#">LSG1</a>	-	large 60S subunit nuclear export GTPase 1
<a href="#">CANX</a>	P90, CNX, IP90	calnexin
<a href="#">CBX5</a>	HP1, HP1A, HEL25	chromobox homolog 5
<a href="#">EMC8</a>	NOC4, COX4NB, C16orf4, C16orf2, FAM158B	ER membrane protein complex subunit 8
<a href="#">UGGT1</a>	UGT1, HUGT1, UGCGL1	UDP-glucose glycoprotein glucosyltransferase 1
<a href="#">AMIGO2</a>	ALI1, DEGA, AMIGO-2	adhesion molecule with Ig-like domain 2
<a href="#">ACP1</a>	HAAP	acid phosphatase 1, soluble
<a href="#">RRBP1</a>	hES, RRp, ES130, ES/130, RP11-462D18.3	ribosome binding protein 1
<a href="#">MARCKS</a>	MACS, 80K-L, PKCSL, PRKCSL	myristoylated alanine-rich protein kinase C substrate
<a href="#">TMEM57</a>	MACOILIN, RP3-469D22.2	transmembrane protein 57
<a href="#">EEDP1</a>	HSPC107	endonuclease/exonuclease/phosphatase family domain containing 1
<a href="#">RAB1B</a>	-	RAB1B, member RAS oncogene family
<a href="#">PRKD1</a>	PKD, PKCM, PRKCM, PKC-MU	protein kinase D1
<a href="#">SLC7A6</a>	LAT3, LAT-2, y+LAT-2	solute carrier family 7 (amino acid transporter light chain, y+L system), member 6
<a href="#">ALDH1B1</a>	ALDH5, ALDHX	aldehyde dehydrogenase 1 family, member B1
<a href="#">SUSD5</a>	-	sushi domain containing 5
<a href="#">FTSJ1</a>	MRX9, JM23, SPB1, CDLIV, TRMT7, MRX44	FtsJ RNA methyltransferase homolog 1 (E. coli)
<a href="#">ACE2</a>	ACEH, UNQ868/PRO1885	angiotensin I converting enzyme 2
<a href="#">SLC38A2</a>	ATA2, SAT2, SNAT2, PRO1068	solute carrier family 38, member 2
<a href="#">CD209</a>	CDSIGN, CLEC4L, DC-SIGN, DC-SIGN1	CD209 molecule
<a href="#">TMEM199</a>	C17orf32	transmembrane protein 199
<a href="#">DDX21</a>	GUA, GURDB, RH-II/GU, RH-II/GuA	DEAD (Asp-Glu-Ala-Asp) box helicase 21
<a href="#">ATP6AP2</a>	PRR, RENR, M8-9, MRXE, XMRE, XPDS, HT028, MRXSH, ELDF10, MSTP009, ... more	ATPase, H <sup>+</sup> transporting, lysosomal accessory protein 2
<a href="#">RPL18A</a>	L18A	ribosomal protein L18a
<a href="#">RAB7A</a>	RAB7, PRO2706	RAB7A, member RAS oncogene family
<a href="#">IFT80</a>	ATD2, WDR56, SRTD2	intraflagellar transport 80
<a href="#">LDLRAD3</a>	LRAD3	low density lipoprotein receptor class A domain containing 3



<a href="#">STBD1</a>	GENX-3414, GENEX3414	starch binding domain 1
<a href="#">LAT52</a>	KPM	large tumor suppressor kinase 2
<a href="#">PKN2</a>	PRK2, STK7, PAK2, Pak-2, PRKCL2, PRO2042, RP5-905H16.1	protein kinase N2
<a href="#">MOSPD2</a>	-	motile sperm domain containing 2
<a href="#">UBXN8</a>	REP8, UBXD6, D8S2298E	UBX domain protein 8
<a href="#">CDSN</a>	S, PSS, HTSS, PSS1, HYPT2, HTSS1, DADB-141O4.5	corneodesmosin
<a href="#">GORASP2</a>	p59, GRS2, GOLPH6, GRASP55	golgi reassembly stacking protein 2, 55kDa
<a href="#">SMPD4</a>	NET13, NSMASE3, NSMASE-3	sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3)
<a href="#">HMGN2</a>	HMG17	high mobility group nucleosomal binding domain 2
<a href="#">ITGA3</a>	VL3A, MSK18, GAPB3, CD49C, ILNEB, VLA3a, VCA-2, GAP-B3	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)
<a href="#">SCARB1</a>	SRB1, CLA1, CLA-1, SR-BI, CD36L1, HDLQTL6	scavenger receptor class B, member 1
<a href="#">ANO10</a>	SCAR10, TMEM16K	anoctamin 10
<a href="#">ATP13A3</a>	AFURS1	ATPase type 13A3
<a href="#">PPIB</a>	OI9, CYPB, SCYLP, CYP-S1, HEL-S-39	peptidylprolyl isomerase B (cyclophilin B)
<a href="#">ABCC4</a>	MRP4, MOATB, MOAT-B, RP11-74A12.1	ATP-binding cassette, sub-family C (CFTR/MRP), member 4
<a href="#">ACBD5</a>	RP11-85G18.5	acyl-CoA binding domain containing 5
<a href="#">USP33</a>	VDU1	ubiquitin specific peptidase 33
<a href="#">EPHA3</a>	ETK, EK4, HEK, ETK1, HEK4, TYRO4	EPH receptor A3
<a href="#">STK11P</a>	LIP1, LKB1IP, STK11IP1	serine/threonine kinase 11 interacting protein
<a href="#">SH2B2</a>	APS	SH2B adaptor protein 2
<a href="#">NRP1</a>	NRP, NP1, CD304, BDCA4, VEGF165R, RP11-342D11.1	neuropilin 1
<a href="#">PRKCI</a>	PKCI, DXS1179E, nPKC-iota	protein kinase C, iota
<a href="#">WDR18</a>	Ipi3, R32184_1	WD repeat domain 18
<a href="#">CCDC8</a>	p90, 3M3, PPP1R20	coiled-coil domain containing 8
<a href="#">ADAM10</a>	kuz, RAK, MADM, AD18, AD10, CD156c, HsT18717	ADAM metallopeptidase domain 10
<a href="#">NME1</a>	NB, NBS, AWD, NM23, NDKA, GAAD, NDPKA, NDPK-A, NM23-H1	NME/NM23 nucleoside diphosphate kinase 1
<a href="#">ALCAM</a>	MEMD, CD166	activated leukocyte cell adhesion molecule
<a href="#">WFS1</a>	WFS, WFSL, WFRS, CTRCT41	Wolfram syndrome 1 (wolframin)
<a href="#">ADAM9</a>	MDC9, MCMP, CORD9, Mltng	ADAM metallopeptidase domain 9
<a href="#">EPHA2</a>	ECK, CTPA, CTPP1, ARCC2, CTRCT6	EPH receptor A2
<a href="#">MARK2</a>	EMK1, Par1b, EMK-1, PAR-1, Par-1b	MAP/microtubule affinity-regulating kinase 2
<a href="#">CLPS</a>	-	colipase, pancreatic
<a href="#">EIF2AK3</a>	PEK, WRS, PERK	eukaryotic translation initiation factor 2-alpha kinase 3
<a href="#">ABCF1</a>	ABC27, ABC50, DADB-129D20.7	ATP-binding cassette, sub-family F (GCN20), member 1
<a href="#">CTDSP2</a>	OS4, SCP2, PSR2	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2
<a href="#">MSN</a>	HEL70	moesin
<a href="#">PDE3B</a>	HcGIP1, cGIPDE1	phosphodiesterase 3B, cGMP-inhibited
<a href="#">CD33</a>	p67, SIGLEC3, SIGLEC-3	CD33 molecule
<a href="#">RPS27L</a>	-	ribosomal protein S27-like
<a href="#">SLC26A2</a>	DTD, EDM4, DTDST, MST153, D5S1708, MSTP157	solute carrier family 26 (anion exchanger), member 2
<a href="#">SLC25A17</a>	PMP34, RP3-362J20.2	solute carrier family 25 (mitochondrial carrier; peroxisomal membrane protein, 34kDa), member 17
<a href="#">RABL3</a>	-	RAB, member of RAS oncogene family-like



		3
<a href="#">TMX2</a>	PIG26, CGI-31, PDIA12, TXNDC14	thioredoxin-related transmembrane protein 2
<a href="#">ELOVL7</a>	-	ELOVL fatty acid elongase 7
<a href="#">NEDD4L</a>	RSP5, NEDD4.2, NEDD4-2, hNEDD4-2	neural precursor cell expressed, developmentally down-regulated 4-like, E3 ubiquitin protein ligase
<a href="#">STT3A</a>	TMC, ITM1, STT3-A	STT3A, subunit of the oligosaccharyltransferase complex (catalytic)
<a href="#">FAAH</a>	PSAB, FAAH-1	fatty acid amide hydrolase
<a href="#">TNIK</a>	-	TRAF2 and NCK interacting kinase
<a href="#">POR</a>	CPR, CYPOR, P450R	P450 (cytochrome) oxidoreductase
<a href="#">ACSL3</a>	ACS3, FACL3, PRO2194	acyl-CoA synthetase long-chain family member 3
<a href="#">MPP7</a>	RP11-218D6.5	membrane protein, palmitoylated 7 (MAGUK p55 subfamily member 7)
<a href="#">PDZD8</a>	PDZK8	PDZ domain containing 8
<a href="#">ROCK1</a>	ROCK-I, P160ROCK	Rho-associated, coiled-coil containing protein kinase 1
<a href="#">ATP6AP1</a>	CF2, 16A, Ac45, XAP3, XAP-3, VATPS1, ATP6S1, ATP6IP1, XX-FW83563B9.4	ATPase, H <sup>+</sup> transporting, lysosomal accessory protein 1
<a href="#">RPL36AL</a>	RPL36A	ribosomal protein L36a-like
<a href="#">A2M</a>	A2MD, FWP007, CPAMD5, S863-7	alpha-2-macroglobulin
<a href="#">RPL28</a>	L28	ribosomal protein L28
<a href="#">HGS</a>	HRS	hepatocyte growth factor-regulated tyrosine kinase substrate
<a href="#">ALDH3A2</a>	SLS, FALDH, ALDH10	aldehyde dehydrogenase 3 family, member A2
<a href="#">TRIM4</a>	RNF87	tripartite motif containing 4
<a href="#">FURIN</a>	FUR, PACE, SPC1, PCSK3	furin (paired basic amino acid cleaving enzyme)
<a href="#">GOSR1</a>	P28, GS28, GOS28, GOS-28, GOLIM2, GOS28/P28	golgi SNAP receptor complex member 1
<a href="#">TUSC3</a>	M33, N33, MRT7, MRT22, OST3A, D8S1992	tumor suppressor candidate 3
<a href="#">CPOX</a>	CPX, HCP, CPO	coproporphyrinogen oxidase
<a href="#">ST7</a>	RAY1, TSG7, HELG, SEN4, ETS7q, FAM4A, FAM4A1	suppression of tumorigenicity 7
<a href="#">IKBIP</a>	IKIP	IKBKB interacting protein
<a href="#">PCDH9</a>	RP11-335P18.3	protocadherin 9
<a href="#">KIAA1549</a>	-	KIAA1549
<a href="#">MPZL1</a>	PZR, PZR <sub>a</sub> , PZR <sub>b</sub> , PZR1b, MPZL1b, RP1-313L4.1	myelin protein zero-like 1
<a href="#">HNRNPU</a>	HNRPU, SAF-A, U21.1, hnRNP U, RP11-11N7.3	heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A)
<a href="#">NT5C3A</a>	p36, PSN1, POMP, PN-I, UMPH, hUMP1, NT5C3, UMPH1, P5N-1, cN-III, ... more	5'-nucleotidase, cytosolic IIIA
<a href="#">SDF2L1</a>	UNQ1941/PRO4424	stromal cell-derived factor 2-like 1
<a href="#">RHBDF2</a>	TEC, TOC, TOCG, RHBDL5, RHBDL6, iRhom2	rhomboid 5 homolog 2 (Drosophila)
<a href="#">PREB</a>	SEC12	prolactin regulatory element binding
<a href="#">PTPN14</a>	PEZ, PTP36, RP11-176D17.1	protein tyrosine phosphatase, non-receptor type 14
<a href="#">TRPM4</a>	TRPM4B, PFHB1B	transient receptor potential cation channel, subfamily M, member 4
<a href="#">PTGR1</a>	PGR1, ZADH3, LTB4DH, RP11-16L21.1	prostaglandin reductase 1
<a href="#">STEAP3</a>	STMP3, TSAP6, AHMIO2, dudlin-2	STEAP family member 3, metalloreductase
<a href="#">MTR</a>	MS, HMAG, cbIG	5-methyltetrahydrofolate-homocysteine methyltransferase
<a href="#">PTPRJ</a>	SCC1, DEP1, CD148, HPTPeta, R-PTP-ETA	protein tyrosine phosphatase, receptor type, J
<a href="#">CLDN1</a>	CLD1, SEMP1, ILVASC, UNQ481/PRO944	claudin 1



<a href="#">S1PR3</a>	S1P3, EDG3, LPB3, EDG-3	sphingosine-1-phosphate receptor 3
<a href="#">ITGB1</a>	CD29, VLAB, FNRB, MDF2, MSK12, GPIIA, VLA-BETA, RP11-479G22.2	integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
<a href="#">FLRT3</a>	HH21, UNQ856/PRO1865	fibronectin leucine rich transmembrane protein 3
<a href="#">DPP4</a>	CD26, ADCP2, TP103, DPPIV, ADABP	dipeptidyl-peptidase 4
<a href="#">SFTP_D</a>	SP-D, SFTP4, PSP-D, COLEC7	surfactant protein D
<a href="#">RAB27B</a>	C25KG	RAB27B, member RAS oncogene family
<a href="#">PPP1R9A</a>	NRBI, NRB1, Neurabin-I	protein phosphatase 1, regulatory subunit 9A
<a href="#">BUB3</a>	hBUB3, BUB3L	BUB3 mitotic checkpoint protein
<a href="#">VPS13C</a>	-	vacuolar protein sorting 13 homolog C (S. cerevisiae)
<a href="#">GPRIN3</a>	GRIN3	GPRIN family member 3
<a href="#">SLC2A1</a>	PED, GLUT, DYT9, HTLVR, DYT17, DYT18, EIG12, GLUT1, GLUT-1, GLUT1DS	solute carrier family 2 (facilitated glucose transporter), member 1
<a href="#">LAMTOR2</a>	p14, ENDAP, ROBLD3, MAPBPIP, HSPC003, MAPKSP1AP, Ragulator2, RP11-336K24.9	late endosomal/lysosomal adaptor, MAPK and MTOR activator 2
<a href="#">PTPN1</a>	PTP1B	protein tyrosine phosphatase, non-receptor type 1
<a href="#">GGCT</a>	GGC, GCTG, CRF21, C7orf24	gamma-glutamylcyclotransferase
<a href="#">ARF4</a>	ARF2	ADP-ribosylation factor 4
<a href="#">ERICH5</a>	C8orf47	glutamate-rich 5
<a href="#">TMEM109</a>	-	transmembrane protein 109
<a href="#">ABCA3</a>	ABC3, ABC-C, SMDP3, LBM180, EST111653	ATP-binding cassette, sub-family A (ABC1), member 3
<a href="#">TMEM263</a>	C12orf23	transmembrane protein 263
<a href="#">TMEM30A</a>	CDC50A, C6orf67	transmembrane protein 30A
<a href="#">ZDHHC8</a>	DHHC8, ZNF378, ZDHHC8L1	zinc finger, DHHC-type containing 8
<a href="#">PARP16</a>	pART15, ARTD15, C15orf30	poly (ADP-ribose) polymerase family, member 16
<a href="#">CXADR</a>	CAR, HCAR, CAR4/6	coxsackie virus and adenovirus receptor
<a href="#">SLC20A2</a>	PIT2, RAM1, IBGC1, IBGC3, PIT-2, GLVR2, MLVAR, GLVR-2	solute carrier family 20 (phosphate transporter), member 2
<a href="#">VANGL2</a>	LPP1, STB1, STBM, LTAP, STBM1	VANGL planar cell polarity protein 2
<a href="#">EBP</a>	CPX, CHO2, CPXD, CDPX2	emopamil binding protein (sterol isomerase)
<a href="#">RINT1</a>	RINT-1	RAD50 interactor 1
<a href="#">TFRC</a>	T9, TR, p90, TFR, TFR1, CD71, TRFR	transferrin receptor
<a href="#">KIAA1804</a>	MLK4, dj862P8.3, RP5-862P8.2	mixed lineage kinase 4
<a href="#">NUP210</a>	GP210, POM210, PSEC0245	nucleoporin 210kDa
<a href="#">DSG2</a>	HDGC, CDHF5, ARVC10, CMD1BB, ARVD10	desmoglein 2
<a href="#">IMMT</a>	P89, HMP, P87, PIG4, PIG52, P87/89, MINOS2	inner membrane protein, mitochondrial
<a href="#">CLEC4M</a>	LSIGN, CD299, CD209L, L-SIGN, DCSIGNR, HP10347, DC-SIGNR, DC-SIGN2	C-type lectin domain family 4, member M
<a href="#">CLEC4G</a>	UNQ431, LP2698, LSECtin, DTTR431, UNQ431/PRO792	C-type lectin domain family 4, member G
<a href="#">AKT2</a>	PKBB, PRKBB, HIHGHH, PKBBETA, RAC-BETA	v-akt murine thymoma viral oncogene homolog 2
<a href="#">TM9SF4</a>	dj836N17.2, RP5-836N17.2	transmembrane 9 superfamily protein member 4
<a href="#">ISCA1</a>	ISA1, HBLD2, GK004, hlsca	iron-sulfur cluster assembly 1
<a href="#">SNAP47</a>	SVAP1, HEL170, SNAP-47, C1orf142, RP5-870F10.2	synaptosomal-associated protein, 47kDa
<a href="#">KIAA0391</a>	MRPP3, PRORP	KIAA0391
<a href="#">DCBLD1</a>	dj94G16.1, RP1-94G16.1	discoidin, CUB and LCCL domain containing 1
<a href="#">FRS2</a>	SNT, SNT1, FRS2A, SNT-1, FRS2alpha	fibroblast growth factor receptor substrate 2
<a href="#">UBE4A</a>	E4, UFD2, UBOX2	ubiquitination factor E4A



<a href="#">TMPRSS2</a>	PRSS10, PP9284	transmembrane protease, serine 2
<a href="#">TMA7</a>	CCDC72, HSPC016	translation machinery associated 7 homolog (S. cerevisiae)
<a href="#">PLEKHM3</a>	DAPR, PLEKHM1L	pleckstrin homology domain containing, family M, member 3
<a href="#">DEGS1</a>	MLD, DEGS, DES1, Des-1, MIG15, FADS7, DEGS-1	delta(4)-desaturase, sphingolipid 1
<a href="#">FNDC3A</a>	HUGO, FNDC3, bA203I16.5, bA203I16.1, RP11-203I16.5	fibronectin type III domain containing 3A
<a href="#">RPS3</a>	S3, OK/SW-cl.26	ribosomal protein S3
<a href="#">BNIP1</a>	TRG8, NIP1, SEC20, TRG-8	BCL2/adenovirus E1B 19kDa interacting protein 1
<a href="#">KIRREL</a>	NEPH1, RP11-444M10.2	kin of IRRE like (Drosophila)
<a href="#">LPCAT1</a>	AYTL2, Ipcat, PFAAP3	lysophosphatidylcholine acyltransferase 1
<a href="#">CTSS</a>	-	cathepsin S
<a href="#">MET</a>	HGFR, c-Met, RCCP2, AUTS9	MET proto-oncogene, receptor tyrosine kinase
<a href="#">CYP4F11</a>	CYPIVF11	cytochrome P450, family 4, subfamily F, polypeptide 11
<a href="#">MIA3</a>	ARNT, D320, TANGO, TANGO1, UNQ6077, RP11-378J18.4	melanoma inhibitory activity family, member 3
<a href="#">MSMP</a>	PSMP	microseminoprotein, prostate associated
<a href="#">SLC3A2</a>	4F2, MDU1, CD98, 4T2HC, 4F2HC, NACAE, CD98HC	solute carrier family 3 (amino acid transporter heavy chain), member 2
<a href="#">CTNNA1</a>	CAP102	catenin (cadherin-associated protein), alpha 1, 102kDa
<a href="#">DHRS3</a>	SDR1, Rsdr1, RDH17, DD83.1, SDR16C1, retSDR1, RP11-514N2.1	dehydrogenase/reductase (SDR family) member 3
<a href="#">CTSB</a>	APPS, CPSB	cathepsin B
<a href="#">TMEM201</a>	NET5, RP13-15M17.2	transmembrane protein 201
<a href="#">LMNA</a>	FPL, IDC, LFP, HGPS, LDP1, FPLD, LMNC, EMD2, PRO1, CDDC, ... more	lamin A/C
<a href="#">PIPSL</a>	PSMD4P2, PIP5K1L1, PIP5K1P3, bA429H9.1, RP11-429H9.6	PIP5K1A and PSMD4-like, pseudogene
<a href="#">SPCS1</a>	SPC1, SPC12, HSPC033, YJR010C-A	signal peptidase complex subunit 1 homolog (S. cerevisiae)
<a href="#">NDUFS2</a>	CI-49	NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49kDa (NADH-coenzyme Q reductase)
<a href="#">YES1</a>	Yes, c-yes, HsT441, P61-YES	YES proto-oncogene 1, Src family tyrosine kinase
<a href="#">TMEM205</a>	UNQ501, UNQ501/PRO1018	transmembrane protein 205
<a href="#">RAB14</a>	FBP, RAB-14, RP11-165P4.4	RAB14, member RAS oncogene family
<a href="#">TRPM7</a>	CHAK, CHAK1, ALSPDC, LTRPC7, LTrpC-7, TRP-PLIK	transient receptor potential cation channel, subfamily M, member 7
<a href="#">TTLL12</a>	dJ526I14.2	tubulin tyrosine ligase-like family, member 12
<a href="#">HSPA5</a>	BIP, MIF2, GRP78, HEL-S-89n	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)
<a href="#">SLC16A1</a>	MCT, HHF7, MCT1, MCT1D, RP4-580L15.1	solute carrier family 16 (monocarboxylate transporter), member 1
<a href="#">C1ORF21</a>	PIG13, RP4-768P8.1	chromosome 1 open reading frame 21
<a href="#">PNPLA6</a>	sws, NTE, BNHS, SPG39, NTEMND, iPLA2delta	patatin-like phospholipase domain containing 6
<a href="#">UBE2J1</a>	UBC6, Ubc6p, NCUBE1, CGI-76, HSPC205, HSPC153, NCUBE-1, HSU93243	ubiquitin-conjugating enzyme E2, J1
<a href="#">ELOVL4</a>	ADMD, SCA34, CT118, ISQMR, STGD3, STGD2	ELOVL fatty acid elongase 4
<a href="#">PTRF</a>	CGL4, CAVIN, FKSG13, CAVIN1, cavin-1	polymerase I and transcript release factor
<a href="#">ZDHHC20</a>	DHHC-20, 4933421L13Rik	zinc finger, DHHC-type containing 20
<a href="#">PACSIN3</a>	SDPIII	protein kinase C and casein kinase substrate in neurons 3



<a href="#">CYP51A1</a>	LDM, CP51, CYP51, CYPL1, P450L1, P450-14DM	cytochrome P450, family 51, subfamily A, polypeptide 1
<a href="#">ARHGAP1</a>	RHOGAP, RHOGAP1, CDC42GAP, p50rhoGAP	Rho GTPase activating protein 1
<a href="#">TMEM209</a>	NET31	transmembrane protein 209
<a href="#">VPS16</a>	hVPS16, RP11-12M19.2	vacuolar protein sorting 16 homolog (S. cerevisiae)
<a href="#">CD207</a>	CLEC4K	CD207 molecule, langerin
<a href="#">SOAT1</a>	STAT, ACAT, SOAT, ACAT1, AACT, ACAT-1, RP11-21I23.1	sterol O-acyltransferase 1
<a href="#">PDXDC1</a>	LP8165	pyridoxal-dependent decarboxylase domain containing 1
<a href="#">MARC2</a>	MOSC2, RP11-270A6.1	mitochondrial amidoxime reducing component 2
<a href="#">TOLLIP</a>	IL-1RAcPIP	toll interacting protein
<a href="#">IDE</a>	INSULYSIN, RP11-366I13.1	insulin-degrading enzyme
<a href="#">CYB5A</a>	MCB5, CYB5	cytochrome b5 type A (microsomal)
<a href="#">OBSL1</a>	-	obscurin-like 1
<a href="#">CEACAM7</a>	CEA, CGM2	carcinoembryonic antigen-related cell adhesion molecule 7
<a href="#">EZR</a>	CVL, VIL2, CVIL, HEL-S-105	ezrin
<a href="#">PLXNA1</a>	NOV, NOVP, PLXN1, PLEXIN-A1	plexin A1
<a href="#">STX18</a>	GIG9, Ufe1	syntaxin 18
<a href="#">FDFT1</a>	SS, SQS, DGPT, ERG9	farnesyl-diphosphate farnesyltransferase 1
<a href="#">TMEM131</a>	RW1, CC28, YR-23, PRO1048	transmembrane protein 131
<a href="#">BSG</a>	OK, M6, 5F7, TCSF, CD147, EMMPRIN, UNQ6505/PRO21383	basigin (Ok blood group)
<a href="#">ATP6V0A1</a>	a1, Stv1, VPP1, Vph1, ATP6N1, ATP6N1A	ATPase, H+ transporting, lysosomal V0 subunit a1
<a href="#">ROBO2</a>	SAX3	roundabout, axon guidance receptor, homolog 2 (Drosophila)
<a href="#">EMD</a>	STA, EDMD, LEMD5, XX-FW88778H2.1	emerin
<a href="#">DLG1</a>	hdlg, SAP97, DLGH1, SAP-97, dj1061C18.1.1	discs, large homolog 1 (Drosophila)
<a href="#">HIST1H2AC</a>	H2AFL, H2A/I, dj221C16.4	histone cluster 1, H2ac
<a href="#">ZDHHC17</a>	HYPH, HIP3, HIP14, HSPC294	zinc finger, DHHC-type containing 17
<a href="#">EPB41L4B</a>	CG1, EHM2	erythrocyte membrane protein band 4.1 like 4B
<a href="#">ROR1</a>	NTRKR1, dj537F10.1, RP11-24J23.1	receptor tyrosine kinase-like orphan receptor 1
<a href="#">ATP1A1</a>	RP4-655J12.1	ATPase, Na+/K+ transporting, alpha 1 polypeptide
<a href="#">LEMD3</a>	MAN1	LEM domain containing 3
<a href="#">TMEM192</a>	-	transmembrane protein 192
<a href="#">ADD3</a>	ADDL, RP11-252O7.3	adducin 3 (gamma)
<a href="#">NEK7</a>	-	NIMA-related kinase 7
<a href="#">TBC1D10A</a>	EPI64, TBC1D10, dj130H16.2, dj130H16.1	TBC1 domain family, member 10A
<a href="#">TYW1</a>	TYW1A, RSAFD1, YPL207W	tRNA-yW synthesizing protein 1 homolog (S. cerevisiae)
<a href="#">OSBPL11</a>	ORP11, ORP-11, OSBP12, TCCCI A00292	oxysterol binding protein-like 11
<a href="#">PMPCB</a>	P-52, MPPB, MPP11, MPPP52, Beta-MPP	peptidase (mitochondrial processing) beta
<a href="#">VMP1</a>	EPG3, TANGO5, TMEM49, HSPC292	vacuole membrane protein 1
<a href="#">MBOAT7</a>	BB1, LRC4, MBOA7, OACT7, LPIAT, LENG4, hMBOA-7, XXbac-BCX105G6.4	membrane bound O-acyltransferase domain containing 7
<a href="#">CLGN</a>	-	calmegin
<a href="#">SRC</a>	ASV, SRC1, c-SRC, p60-Src, RP5-823N20.1	SRC proto-oncogene, non-receptor tyrosine kinase
<a href="#">MCM5</a>	CDC46, P1-CDC46, RP5-824I19_A.1	minichromosome maintenance complex component 5
<a href="#">PPIA</a>	CYPA, CYPH, HEL-S-69p	peptidylprolyl isomerase A (cyclophilin A)
<a href="#">VPS33B</a>	-	vacuolar protein sorting 33 homolog B (yeast)



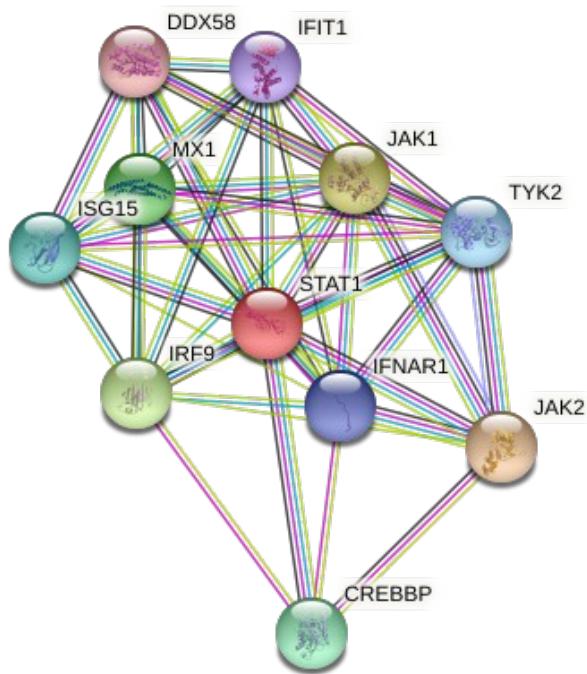
<a href="#">EMC1</a>	PSEC0263, KIAA0090	ER membrane protein complex subunit 1
<a href="#">FAM129B</a>	OC58, MEG-3, MINERVA, C9orf88, bA356B19.6, RP11-356B19.6	family with sequence similarity 129, member B
<a href="#">ACAA2</a>	DSAEC	acetyl-CoA acyltransferase 2
<a href="#">TMEM214</a>	PP446	transmembrane protein 214
<a href="#">CLN8</a>	EPMR, C8orf61	ceroid-lipofuscinosis, neuronal 8 (epilepsy, progressive with mental retardation)
<a href="#">LRRC59</a>	p34, PRO1855	leucine rich repeat containing 59
<a href="#">SEC11A</a>	SPC18, SPCS4A, sid2895, SEC11L1, 1810012E07Rik	SEC11 homolog A ( <i>S. cerevisiae</i> )
<a href="#">NDC1</a>	NET3, TMEM48, RP4-654H19.1	NDC1 transmembrane nucleoporin
<a href="#">NIPSNAP1</a>	-	nipsnap homolog 1 ( <i>C. elegans</i> )
<a href="#">PCDH7</a>	BHPCDH, BH-Pcdh, PPP1R120	protocadherin 7
<a href="#">SLC39A14</a>	cig19, NET34, ZIP14, LZT-Hs4	solute carrier family 39 (zinc transporter), member 14
<a href="#">TIAM1</a>	-	T-cell lymphoma invasion and metastasis 1
<a href="#">BET1</a>	HBET1	Bet1 golgi vesicular membrane trafficking protein
<a href="#">AGPAT6</a>	LPAATZ, TSARG7, 1-AGPAT 6, LPAAT-zeta, UNQ551/PRO1108	1-acylglycerol-3-phosphate O-acyltransferase 6
<a href="#">SPINT2</a>	PB, Kop, HAI2, HAI-2, DIAR3	serine peptidase inhibitor, Kunitz type, 2
<a href="#">MRC1</a>	MMR, CD206, MRC1L1, CLEC13D, CLEC13DL, bA541I19.1, RP11-457D2.1	mannose receptor, C type 1
<a href="#">ATP7A</a>	MK, MNK, SMAX3, DSMAX, RP3-465G10.1	ATPase, Cu++ transporting, alpha polypeptide
<a href="#">ROBO1</a>	SAX3, DUTT1	roundabout, axon guidance receptor, homolog 1 ( <i>Drosophila</i> )
<a href="#">ZDHHC14</a>	NEW1CP, RP3-481C9.1	zinc finger, DHHC-type containing 14
<a href="#">DNAJC1</a>	MTJ1, HTJ1, ERdj1, DNAJL1, RP11-399C16.1	Dnaj (Hsp40) homolog, subfamily C, member 1
<a href="#">HLA-C</a>	HLC-C, PSORS1, D6S204, HLA-JY3, XXbac-BCX101P6.2	major histocompatibility complex, class I, C
<a href="#">SLC29A1</a>	ENT1	solute carrier family 29 (equilibrative nucleoside transporter), member 1
<a href="#">SLC30A9</a>	ZNT9, HUEL, GAC63, C4orf1	solute carrier family 30 (zinc transporter), member 9
<a href="#">CAMLG</a>	CAML	calcium modulating ligand
<a href="#">BRI3BP</a>	KG19, BNAS1, HCCR-1, HCCR-2, HCCRBP-1	BRI3 binding protein
<a href="#">ACBD3</a>	PAP7, GCP60, GOCAP1, GOLPH1	acyl-CoA binding domain containing 3
<a href="#">EGFR</a>	ERBB, HER1, mENA, PIG61, ERBB1, NISBD2	epidermal growth factor receptor
<a href="#">VMA21</a>	MEAX, XMEA	VMA21 vacuolar H+-ATPase homolog ( <i>S. cerevisiae</i> )
<a href="#">WDR20</a>	DMR	WD repeat domain 20
<a href="#">LMAN1</a>	MR60, gp58, F5F8D, FMFD1, MCFD1, ERGIC53, ERGIC-53	lectin, mannose-binding, 1
<a href="#">TMEM2</a>	RP11-52I12.1	transmembrane protein 2
<a href="#">FMN2</a>	RP11-90L13.1	formin 2
<a href="#">DHRS7</a>	CGI-86, retDSR4, retSDR4, SDR34C1	dehydrogenase/reductase (SDR family) member 7
<a href="#">SYNE2</a>	NUA, TROPH, Nespr2, EDMD5, NUANCE, SYNE-2, Nesprin-2	spectrin repeat containing, nuclear envelope 2
<a href="#">ILVBL</a>	AHAS, 209L8, ILV2H	ilvB (bacterial acetolactate synthase)-like
<a href="#">HMGCR</a>	LDLCQ3	3-hydroxy-3-methylglutaryl-CoA reductase
<a href="#">EPHX1</a>	MEH, HYL1, EPOX, EPHX	epoxide hydrolase 1, microsomal (xenobiotic)
<a href="#">COPG1</a>	COPG	coatomer protein complex, subunit gamma 1
<a href="#">CDH1</a>	UV0, CDHE, ECAD, LCAM, Arc-1, CD324	cadherin 1, type 1, E-cadherin (epithelial)
<a href="#">NBAS</a>	NAG, SOPH	neuroblastoma amplified sequence
<a href="#">ABCG2</a>	MRX, MXR, BCRP, ABCP, MXR1, BMDP, BCRP1, ABC15, GOUT1, CD338, ... more	ATP-binding cassette, sub-family G (WHITE), member 2 (Junior blood group)
<a href="#">SLC27A3</a>	FATP3, VLCS-3, ACSVL3, PSEC0067	solute carrier family 27 (fatty acid)



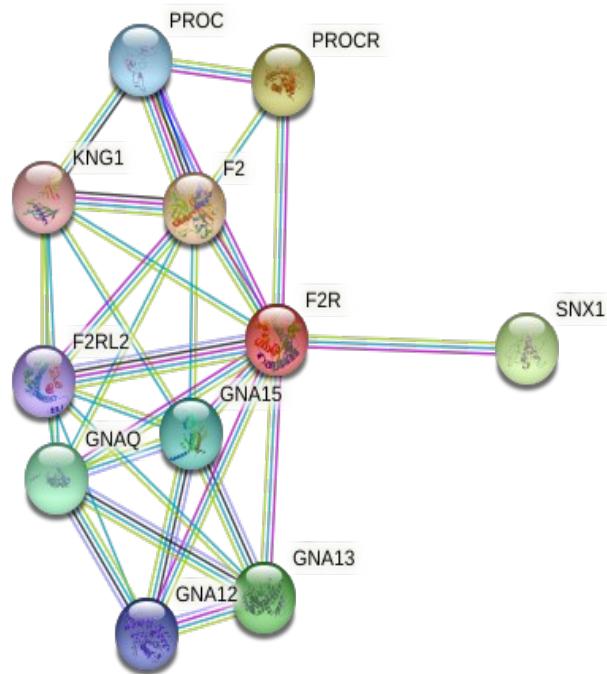
<a href="#">ATP13A1</a>	ATP13A, CGI-152	transporter), member 3 ATPase type 13A1
<a href="#">C19ORF26</a>	DOS	chromosome 19 open reading frame 26
<a href="#">PKP2</a>	ARVD9	plakophilin 2
<a href="#">PIP5K1A</a>	RP11-68I18.9	phosphatidylinositol-4-phosphate 5-kinase, type I, alpha
<a href="#">CDC42EP1</a>	CEP1, MSE55, BORG5, RP5-1177I5.4	CDC42 effector protein (Rho GTPase binding) 1
<a href="#">SPCS3</a>	SPC3, PRO3567, YLR066W, SPC22/23, UNQ1841/PRO3567	signal peptidase complex subunit 3 homolog (S. cerevisiae)
<a href="#">STEAP1</a>	STEAP, PRSS24, tcag7.1170	six transmembrane epithelial antigen of the prostate 1
<a href="#">ILDR2</a>	C1orf32, dj782G3.1, RP4-782G3.2	immunoglobulin-like domain containing receptor 2
<a href="#">ASGR1</a>	HL-1, ASGPR, ASGPR1, CLEC4H1	asialoglycoprotein receptor 1
<a href="#">CLCC1</a>	MCLC, RP11-475E11.6	chloride channel CLIC-like 1
<a href="#">MDFIC</a>	HIC	MyoD family inhibitor domain containing
<a href="#">SLC12A6</a>	KCC3, ACCPN, KCC3B, KCC3A	solute carrier family 12 (potassium/chloride transporter), member 6
<a href="#">EI24</a>	PIG8, EPG4, TP53I8	etoposide induced 2.4
<a href="#">GOSR2</a>	EPM6, GS27, Bos1	golgi SNAP receptor complex member 2
<a href="#">FAM134B</a>	JK1, JK-1	family with sequence similarity 134, member B
<a href="#">CNTN1</a>	F3, MYPCN, GP135	contactin 1
<a href="#">TM9SF3</a>	SMBP, EP70-P-iso, RP11-34E5.1	transmembrane 9 superfamily member 3
<a href="#">FIBP</a>	FGFIBP, FIBP-1	fibroblast growth factor (acidic) intracellular binding protein
<a href="#">VEZT</a>	VEZATIN	vezatin, adherens junctions transmembrane protein
<a href="#">SFN</a>	YWHAS	stratifin
<a href="#">AREL1</a>	KIAA0317	apoptosis resistant E3 ubiquitin protein ligase 1
<a href="#">PTPN9</a>	MEG2, PTPMEG2	protein tyrosine phosphatase, non-receptor type 9
<a href="#">GPRC5C</a>	RAIG3, RAIG-3, PSEC0087	G protein-coupled receptor, class C, group 5, member C
<a href="#">UCHL1</a>	PGP95, PARK5, NDGOA, PGP9.5, Uch-L1, HEL-117, PGP 9.5	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
<a href="#">TMX1</a>	TMX, TXNDC, TXNDC1, PDIA11, PSEC0085	thioredoxin-related transmembrane protein 1
<a href="#">DDOST</a>	OST, WBP1, CDG1R, OST48, AGER1, OKSWcl45, OK/SW-cl.45	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit (non-catalytic)
<a href="#">TENM3</a>	ODZ3, TNM3, Ten-m3, MCOPCB9	teneurin transmembrane protein 3
<a href="#">RRAGC</a>	RAGC, GTR2, TIB929	Ras-related GTP binding C
<a href="#">ITCH</a>	AIF4, AIP4, ADMFD, NAPP1, dj468O1.1	itchy E3 ubiquitin protein ligase
<a href="#">NISCH</a>	I-1, IR1, IRAS, hIRAS	nischarin
<a href="#">NIPSNAP1</a>	-	nipsnap homolog 1 (C. elegans)



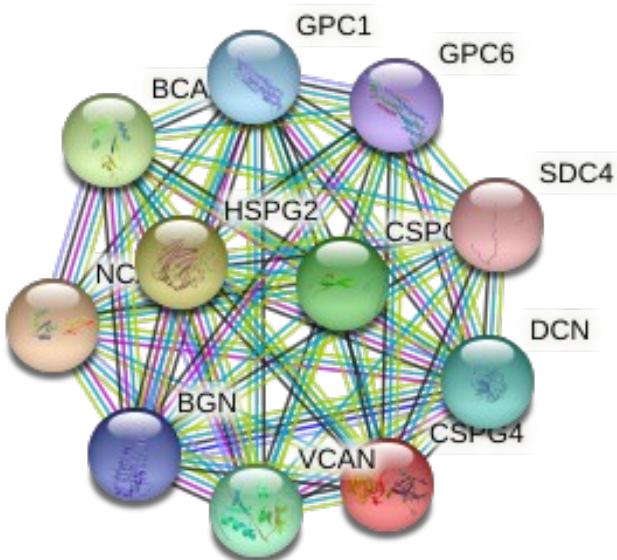
**Representación de las interacciones moleculares de las proteínas que comparten epítopes de gp S de SARS-CoV-2, según STRING (<https://string-db.org/>)**



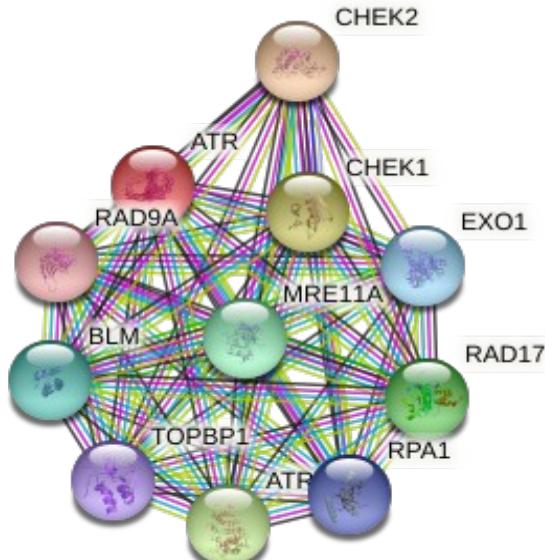
Interacciones de STAT1



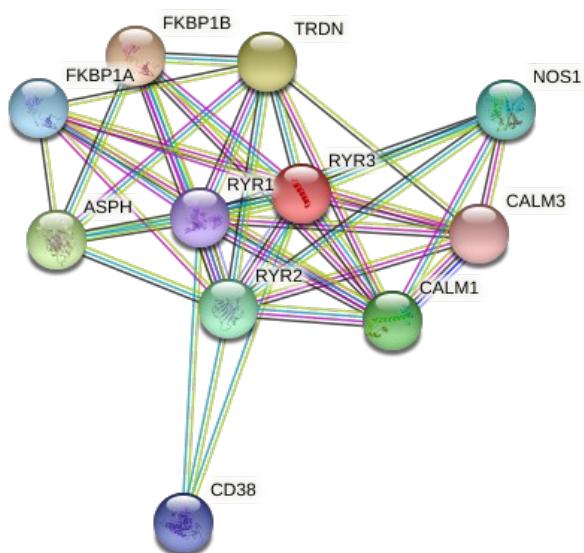
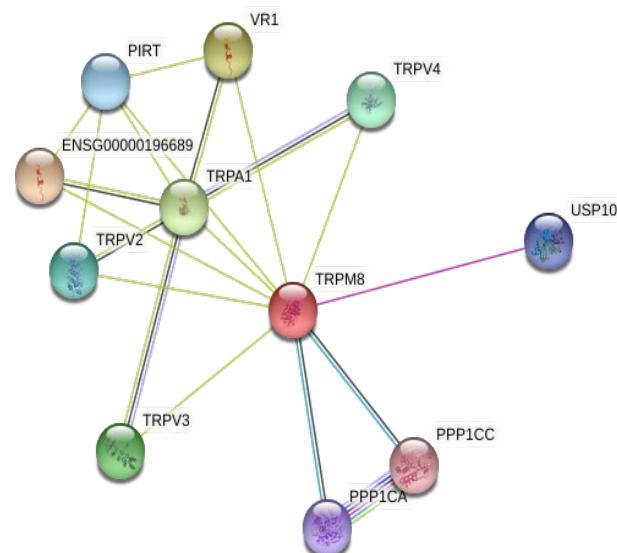
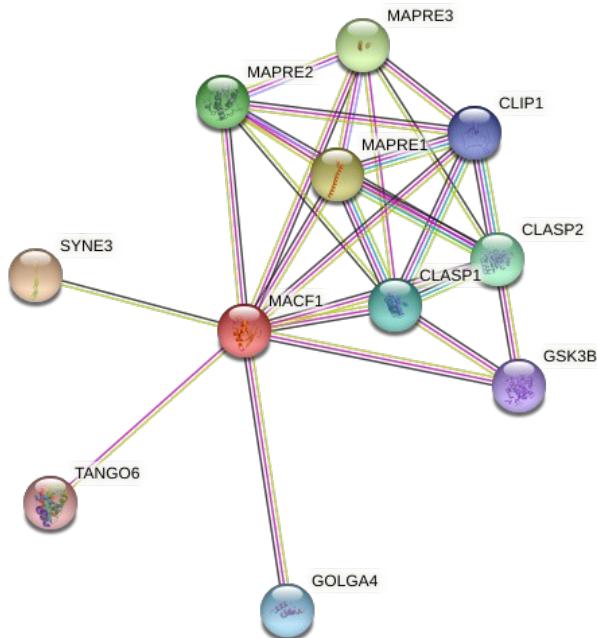
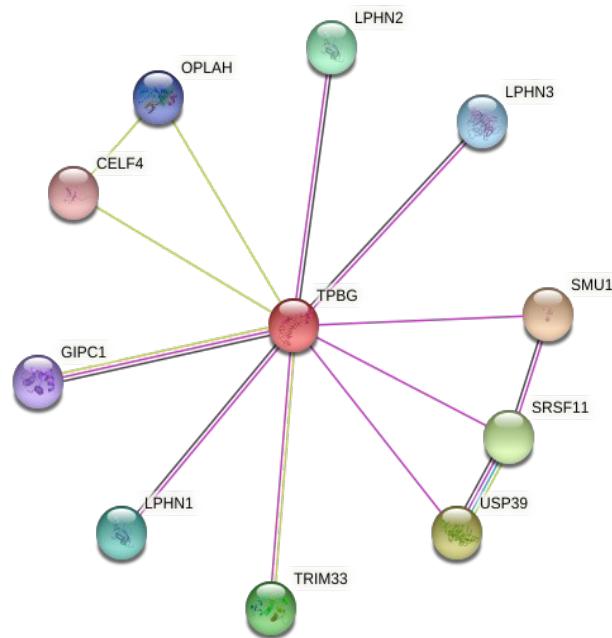
Interacciones de F2R

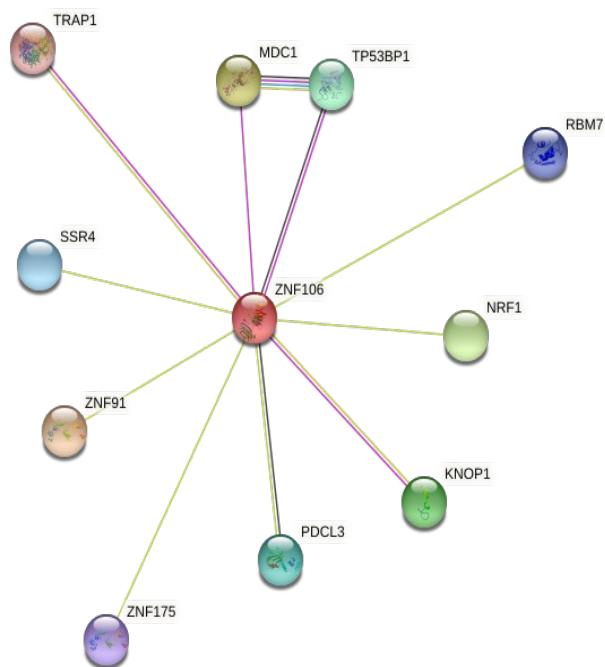
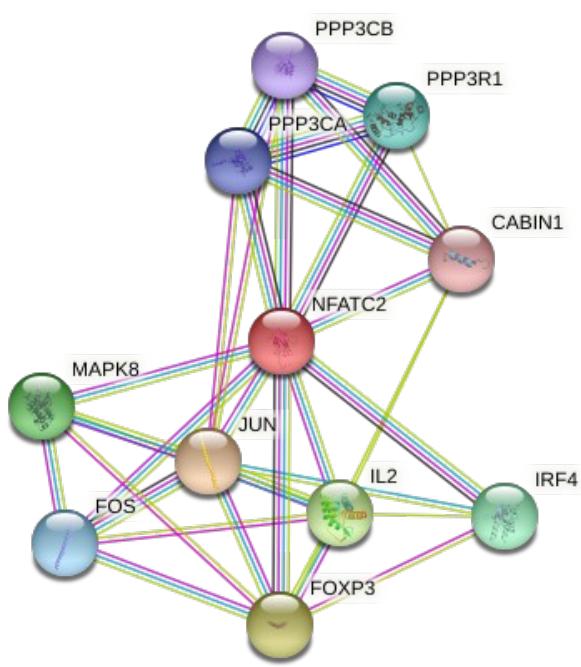
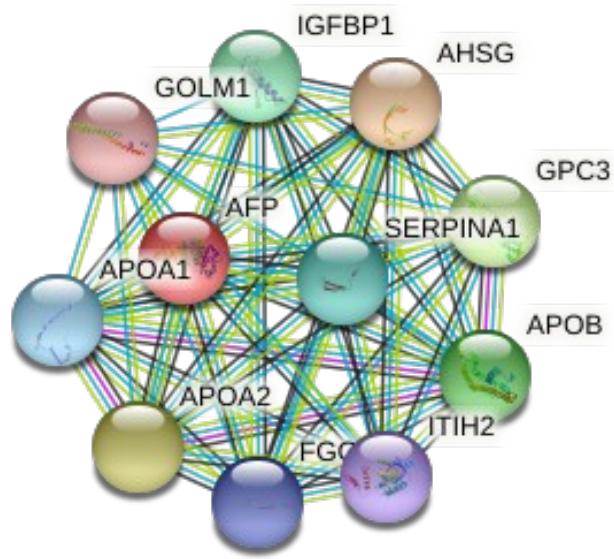


Interacciones de CSPG4

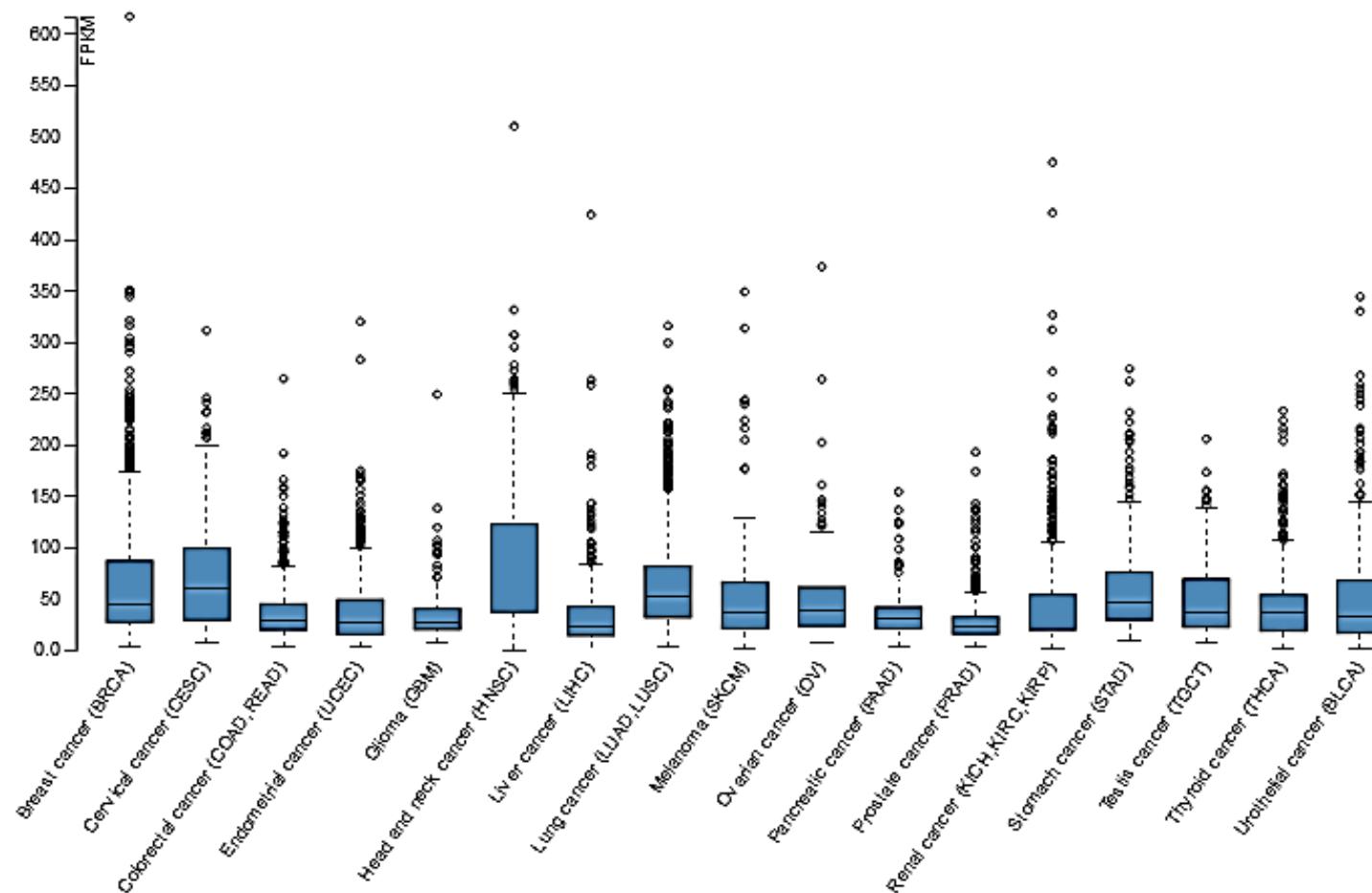


Interacciones de ATR

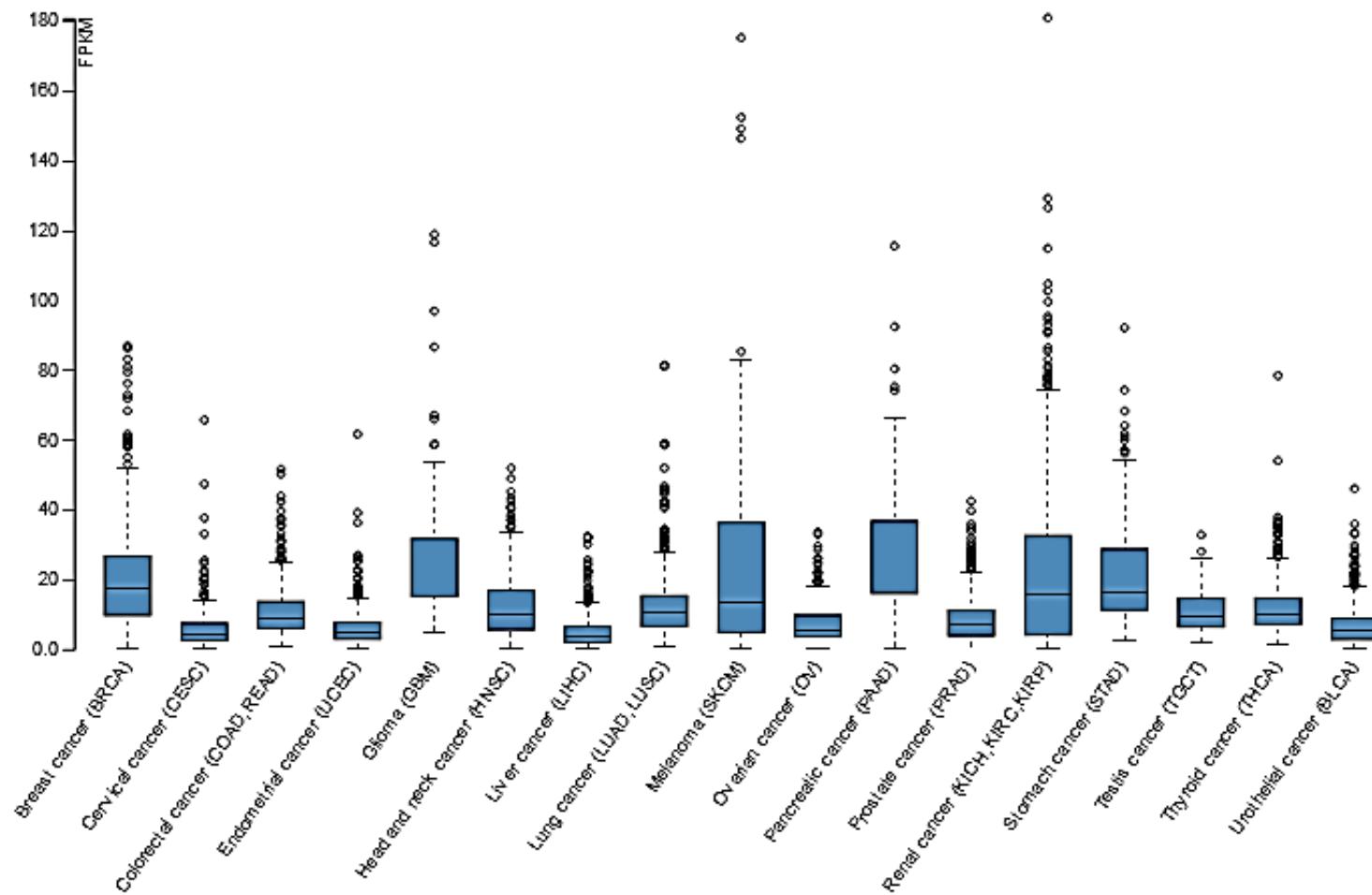
**Interacciones de RYR3****Interacciones de TRPM8****Interacciones de MACF1****Interacciones de TPBG**

**Interacciones de ZNF106****Interacciones de NFATC2****Interacciones de AFP**

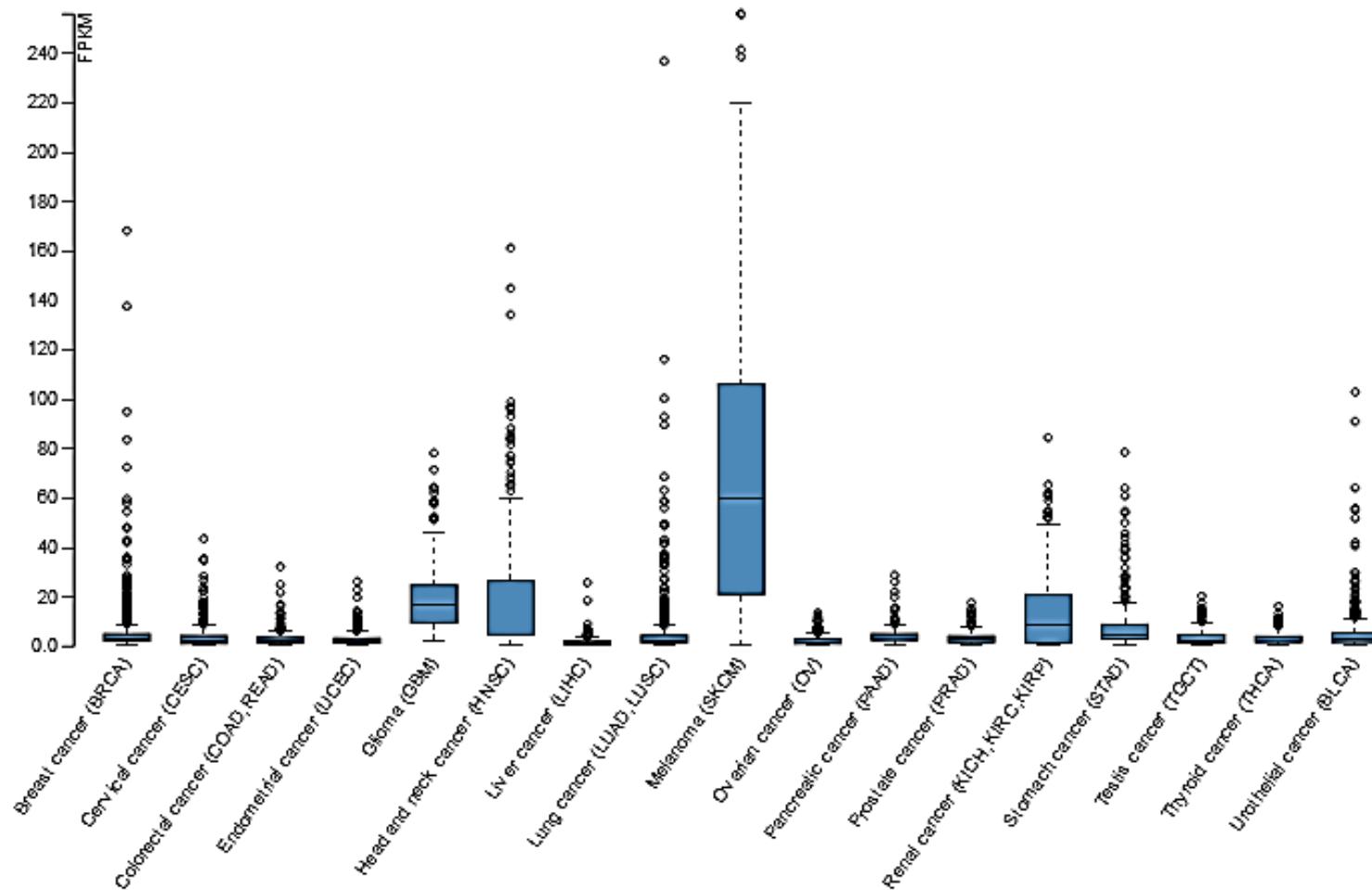
**GRÁFICO 1. Niveles de expresión de la proteína humana STAT1 en diferentes tipos tumorales, según *The Human Protein Atlas* (<https://v17.proteinatlas.org/ENSG00000115415-STAT1/pathology>)**



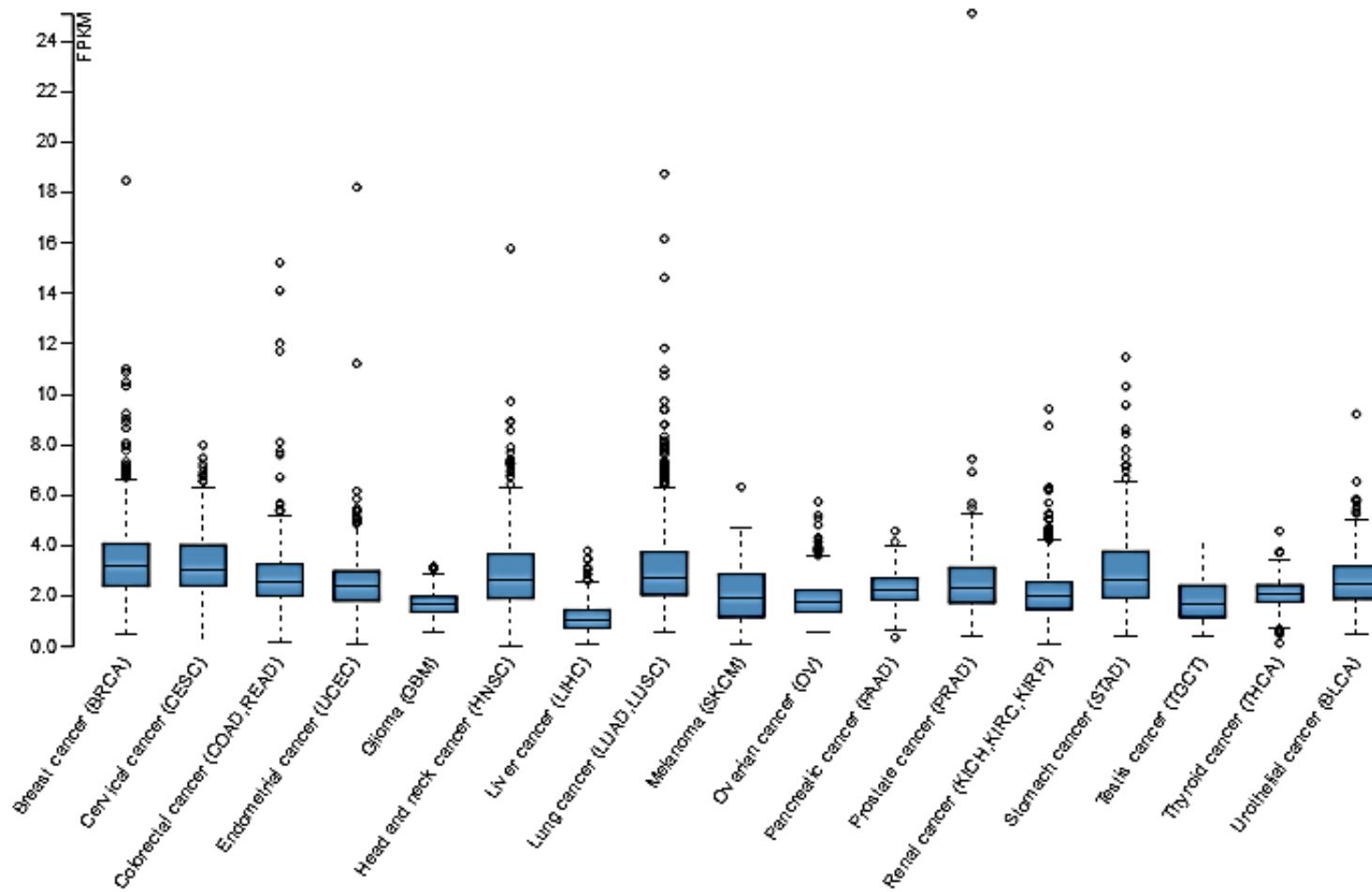
**GRÁFICO 2. Niveles de expresión de la proteína humana F2R en diferentes tipos tumorales, según *The Human Protein Atlas* (<https://v17.proteinatlas.org/ENSG00000181104-F2R/pathology>)**



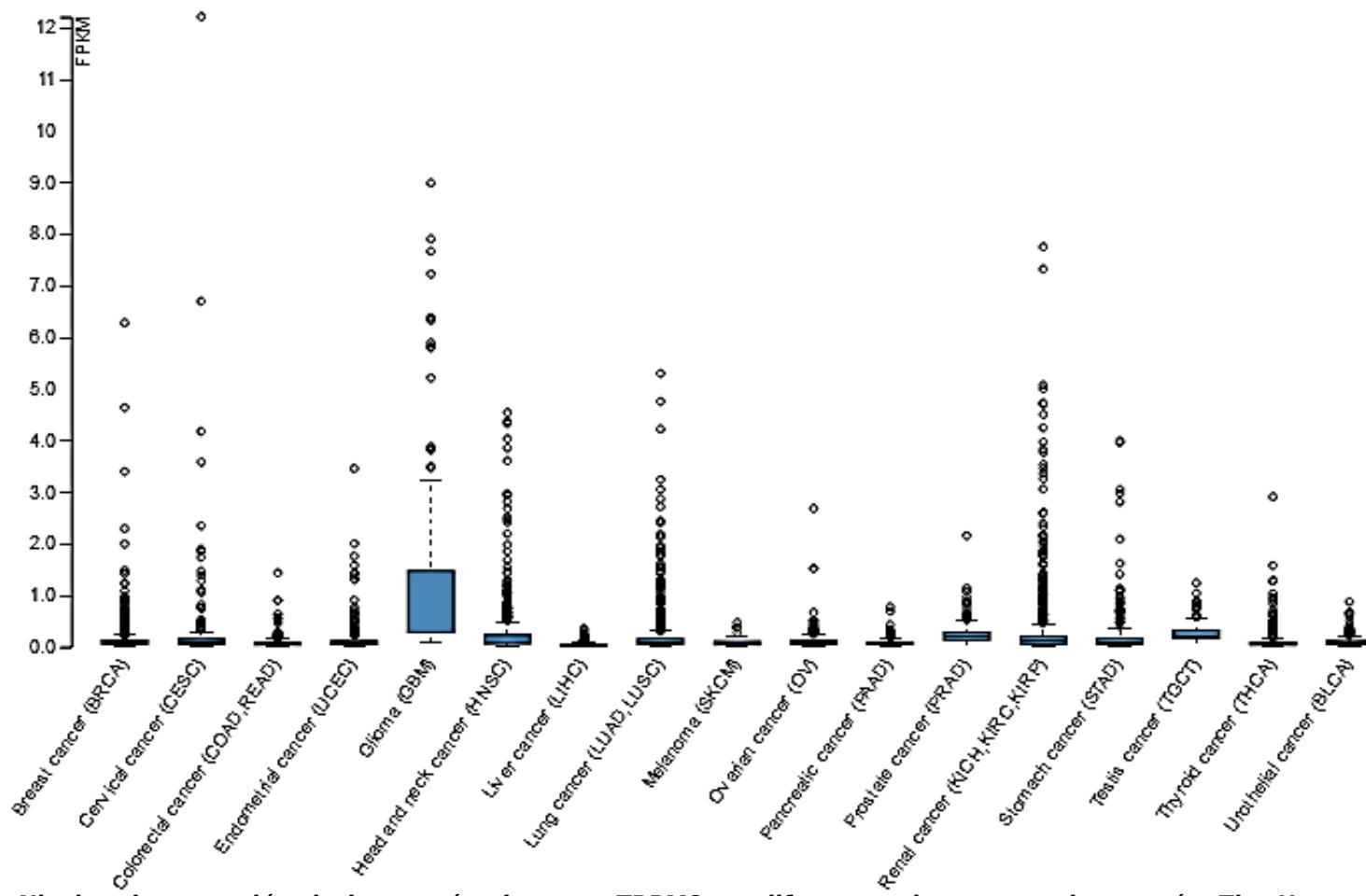
**GRÁFICO 3. Niveles de expresión de la proteína humana CSPG4 en diferentes tipos tumorales, según *The Human Protein Atlas* (<https://v17.proteinatlas.org/ENSG00000173546-CSPG4/pathology>)**



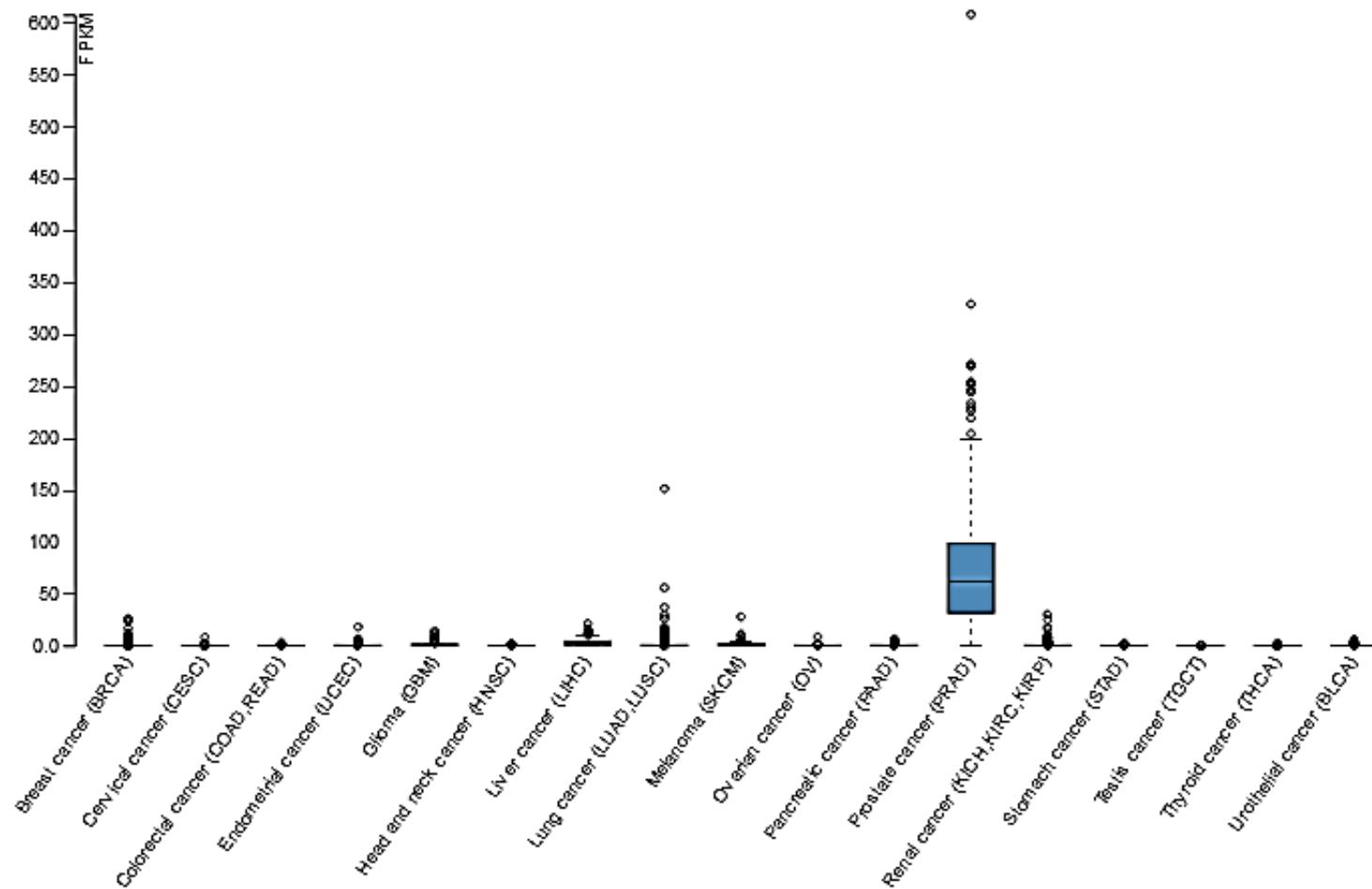
**GRÁFICO 4. Niveles de expresión de la proteína humana ATR en diferentes tipos tumorales, según *The Human Protein Atlas* (<https://v17.proteinatlas.org/ENSG00000175054-ATR/pathology>)**



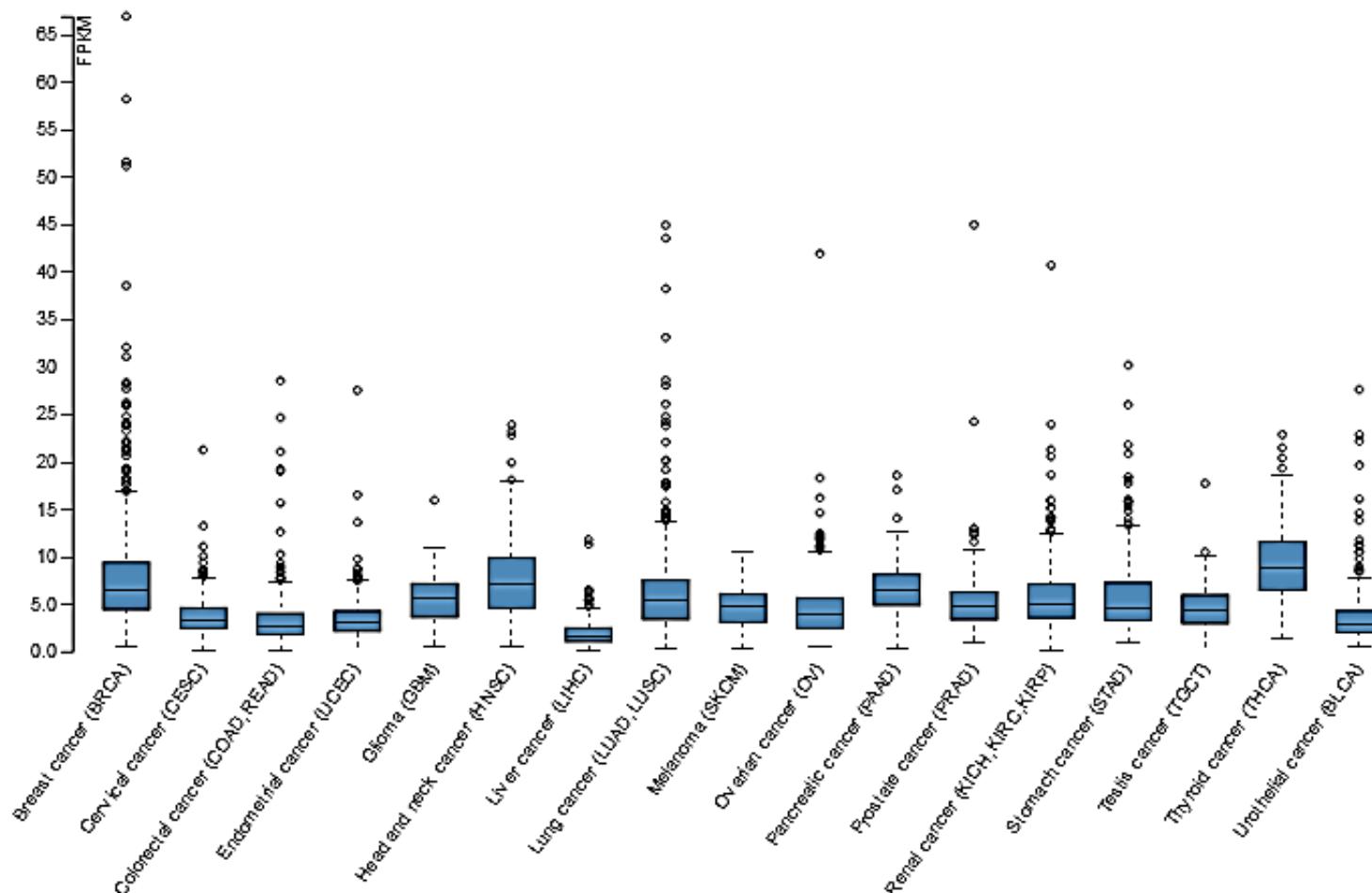
**GRÁFICO 5.** Niveles de expresión de la proteína humana RYR3 en diferentes tipos tumorales, según *The Human Protein Atlas* (<https://v17.proteinatlas.org/ENSG00000198838-RYR3/pathology>)



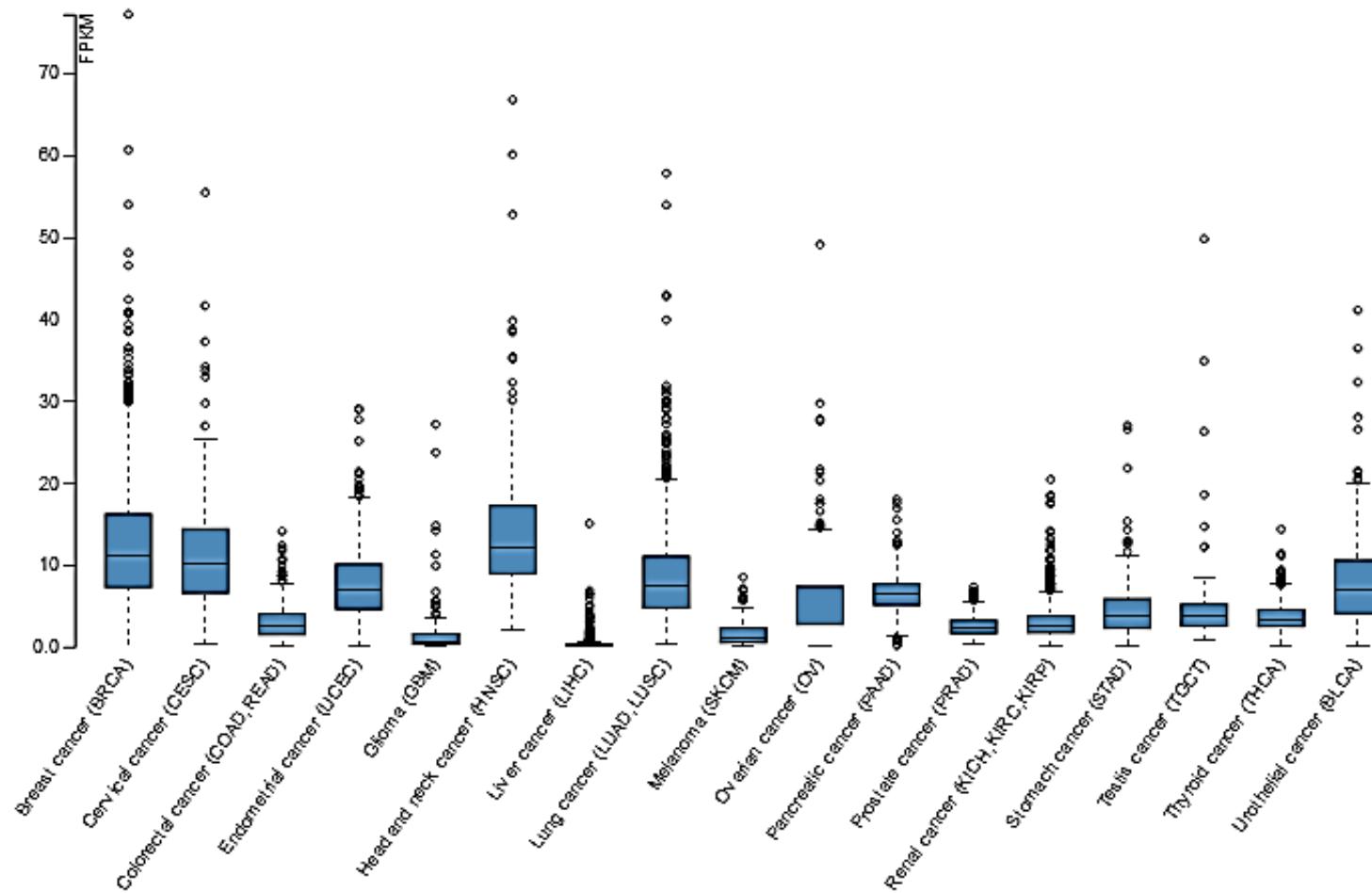
**GRÁFICO 6.** Niveles de expresión de la proteína humana TRPM8 en diferentes tipos tumorales, según *The Human Protein Atlas* (<https://v17.proteinatlas.org/ENSG00000144481-TRPM8/pathology>)



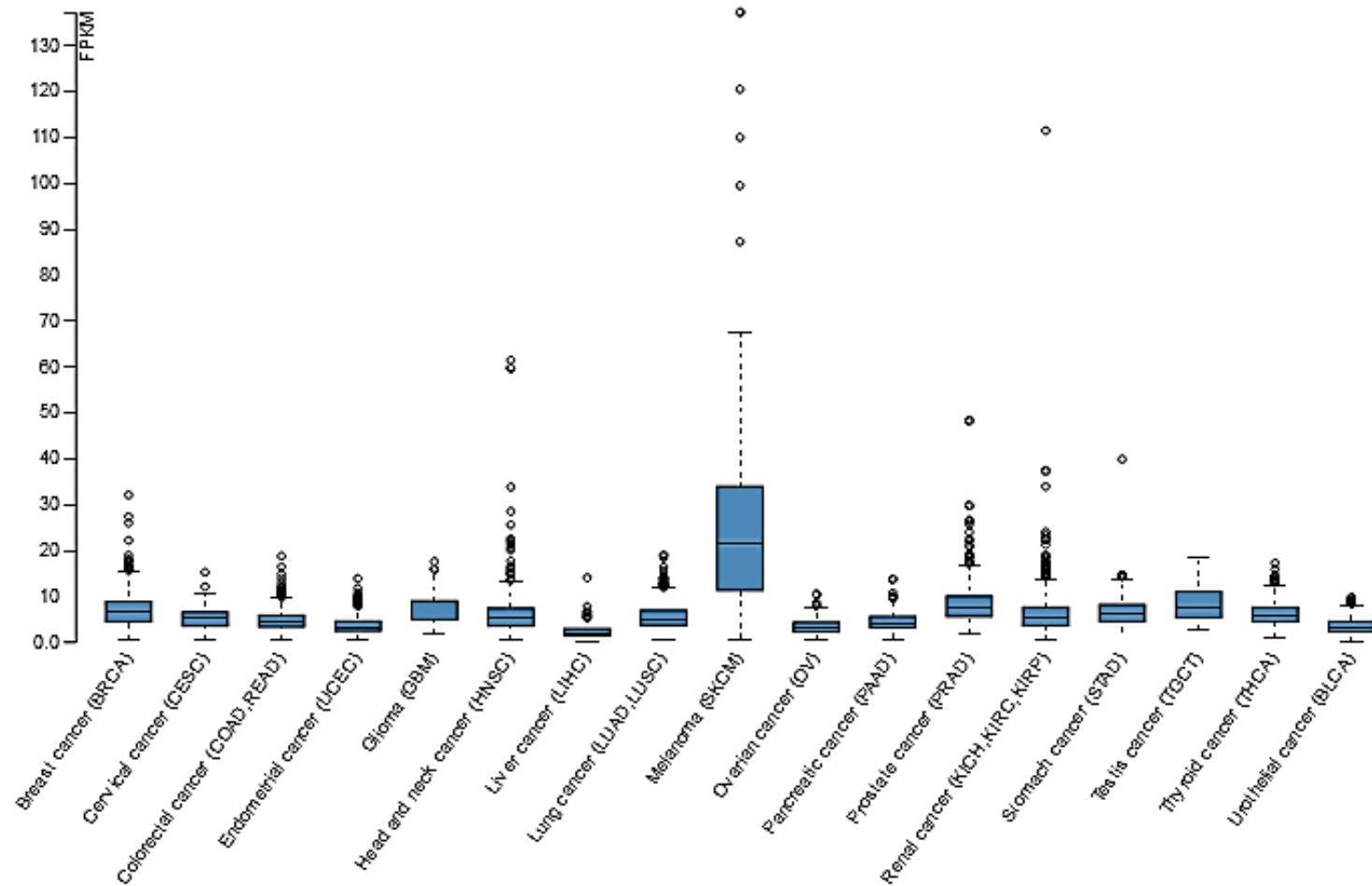
**GRÁFICO 7. Niveles de expresión de la proteína humana MACF1 en diferentes tipos tumorales, según *The Human Protein Atlas*. (<https://v17.proteinatlas.org/ENSG00000127603-MACF1/pathology>)**



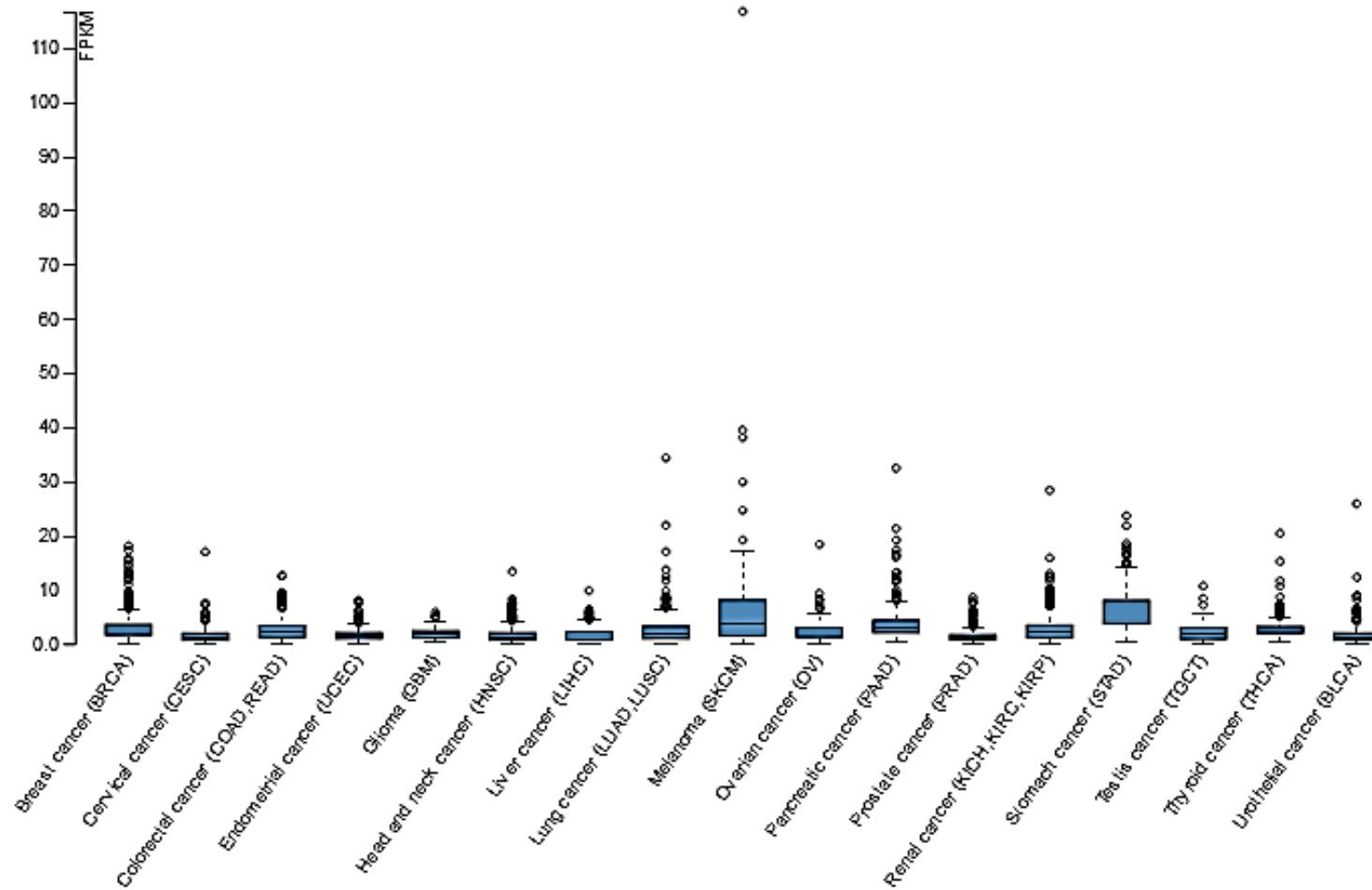
**GRÁFICO 8. Niveles de expresión de la proteína humana TPBG en diferentes tipos tumorales, según *The Human Protein Atlas* (<https://v17.proteinatlas.org/ENSG00000146242-TPBG/pathology>)**



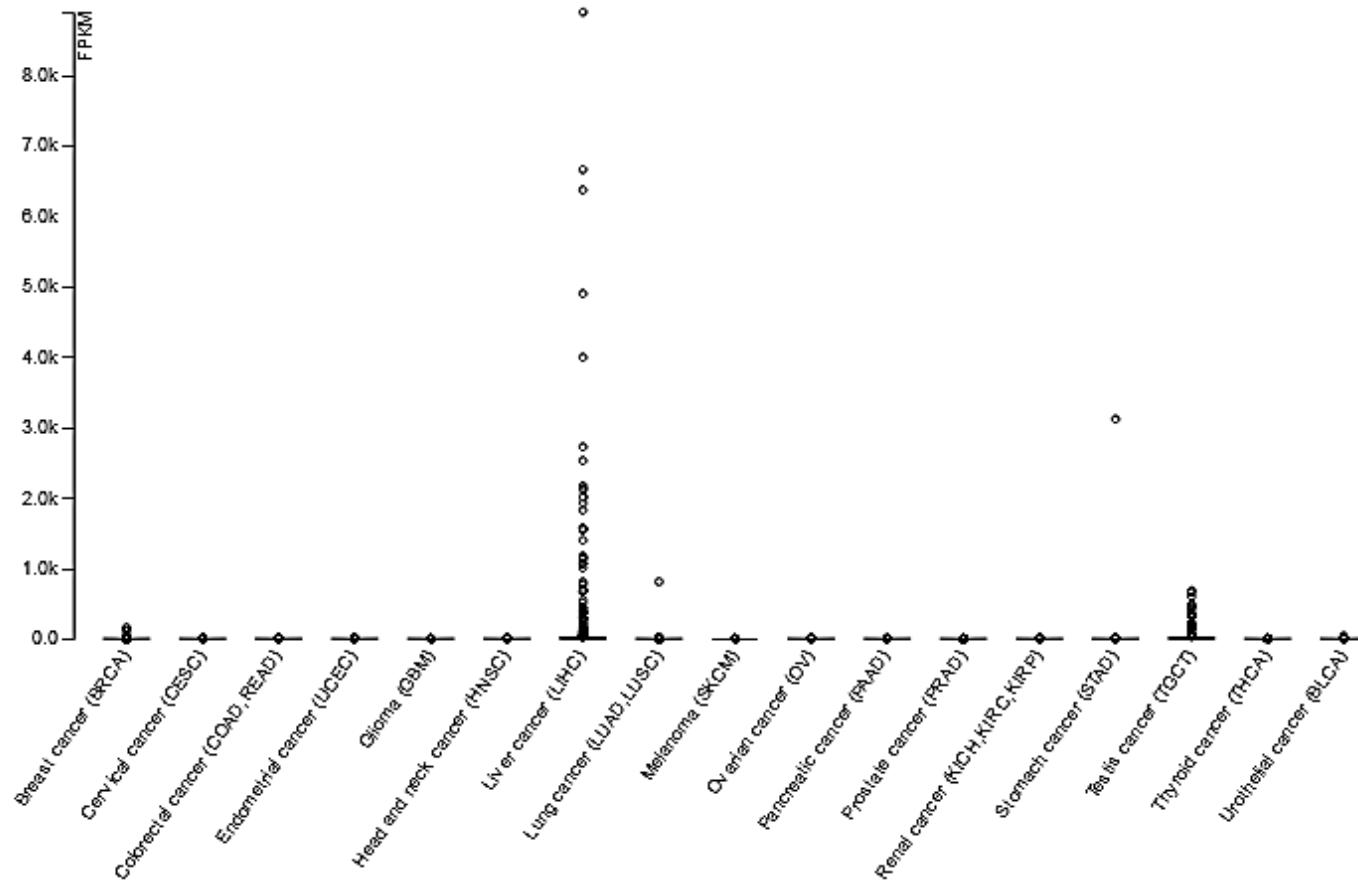
**GRÁFICO 9. Niveles de expresión de la proteína humana ZNF106 en diferentes tipos tumorales, según The Human Protein Atlas (<https://v17.proteinatlas.org/ENSG00000103994-ZNF106/pathology>)**



**GRÁFICO 10. Niveles de expresión de la proteína humana NFATC2 en diferentes tipos tumorales, según *The Human Protein Atlas* (<https://v17.proteinatlas.org/ENSG00000101096-NFATC2/pathology>)**



**GRÁFICO 11. Niveles de expresión de la proteína humana AFP en diferentes tipos tumorales, según *The Human Protein Atlas* (<https://v17.proteinatlas.org/ENSG00000081051-AFP/pathology>)**



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