

Supplementary Table 5. Mast cell lipid raft proteins analyzed by RafProtV2 database

Method	Protein ID	Protein accession	Protein description	Gene name	Experimental Evidence	Number of citation
Met I; Met II	1433B_RAT	P35213	14-3-3 protein beta/alpha	Ywhab	H (1) M (1) R (1)	45
Met I; Met II	1433E_RAT	P62260	14-3-3 protein epsilon	Ywhae	H (1) M (1) R (1)	57
Met I; Met II	1433F_RAT	P68511	14-3-3 protein eta	Ywhah	H (1) M (1) R (1)	29
Met I; Met II	1433G_RAT	P61983	14-3-3 protein gamma	Ywhag	H (1) M (1) R (1)	50
Met I; Met II	1433T_RAT	P68255	14-3-3 protein theta	Ywhaq	H (1) M (1) R (1)	43
Met I; Met II	1433Z_RAT	P63102	14-3-3 protein zeta/delta	Ywhaz	H (1) M (1) R (1)	77
Met I; Met II	4F2_RAT	Q794F9	4F2 cell-surface antigen heavy chain	Slc3a2	H (1) M (1) R (1)	61
Met I	6PGD_RAT	P85968	6-phosphogluconate dehydrogenase decarboxylating	Pgd	H (0)	5
Met I	6PGL_RAT	P85971	6-phosphogluconolactonase	Pgl	H (0)	6
Met II	A0JN29_RAT	A0JN29	Lunapark ER junction formation factor	Ln timer	H (0) M (0)	8
Met I; Met II	A0JN30_RAT	A0JN30	Canopy 2 homolog	Cnpy2	H (1)	3
Met II	A1L1J8_RAT	A1L1J8	Ras-related protein Rab-5b	Rab5b	H (3) M (3)	23
Met II	A1L1L6_RAT	A1L1L6	Mitochondrial Rho GTPase 1	Rhot1	H (1)	4
Met I; Met II	A3RLA8_RAT	A3RLA8	Low affinity immunoglobulin gamma Fc region receptor II	Fcgr2b	M (0)	1
Met I	AATC_RAT	P13221	Aspartate aminotransferase cytoplasmic	Got1	H (0) M (1) R (1)	9
Met I; Met II	AATM_RAT	P00507	Aspartate aminotransferase mitochondrial	Got2	H (1) M (1) R (1)	14
Met II	ABCB6_RAT	O70595	ATP-binding cassette sub-family B member 6	Abcb6	H (1) M (1) R (1)	13
Met II	ABCB8_RAT	Q5RKI8	ATP-binding cassette sub-family B member 8	Abcb8	R (1)	4
Met I	ABCF1_RAT	Q6MG08	ATP-binding cassette sub-family F member 1	Abcf1	H (0) M (0)	5
Met II	ABHGA_RAT	Q6MG55	Abhydrolase domain containing 16A	Abhd16a	H (1) R (1)	5
Met I	ACON_RAT	Q9ER34	Aconitate hydratase mitochondrial	Aco2	H (1) M (1) R (1)	20
Met II	ACSL3_RAT	Q63151	Long chain fatty acid CoA ligase 3	Acsl3	H (1)	11
Met II	ACSL5_RAT	O88813	Long chain fatty acid CoA ligase 5	Acsl5	H (1) M (1) R (1)	6
Met I; Met II	ACTB_RAT	P60711	Actin cytoplasmic 1	Actb	H (3) M (3) R (3)	90
Met I	ACTH_RAT	P63269	Actin gamma-enteric smooth muscle	Actg2	H (0) M (0)	20
Met I	ADA_RAT	Q920P6	Adenosine deaminase	Ada	H (0)	11
Met II	ADA15_RAT	Q9QYV0	Disintegrin and metalloproteinase domain-containing protein 15	Adam15	H (0) M (0)	11
Met I; Met II	ADT1_RAT	Q05962	ADP/ATP translocase 1	Slc25a4	H (3) M (3) R (3)	48
Met I; Met II	ADT2_RAT	Q09073	ADP/ATP translocase 2	Slc25a5	H (1) M (1) R (1)	63
Met II	AIFM1_RAT	Q9JM53	Apoptosis-inducing factor 1	Aifm1	H (1) M (1) R (1)	12
Met I	AK1A1_RAT	P51635	Alcohol dehydrogenase [NADP(+)]	Akr1a1	H (0)	3
Met II	AKAP1_RAT	O88884	A-kinase anchor protein 1, mitochondrial	Akap1	H (1) R (1)	9
Met I; Met II	ALDOA_RAT	P05065	Fructose-bisphosphate aldolase A	Aldoa	H (1) M (1) R (1)	56
Met I	ALDR_RAT	P07943	Aldose reductase	Akr1b1	H (0) M (1) R (1)	8
Met I	AN32B_RAT	Q9EST6	Acidic leucine-rich nuclear phosphoprotein 32 family member B	Anp32b	H (0)	2
Met I	AN32E_RAT	Q5XIE0	Acidic leucine-rich nuclear phosphoprotein 32 family member E	Anp32e	H (0)	1
Met I; Met II	ANXA1_RAT	P07150	Annexin A1	Anxa1	H (3) M (3) R (3)	44
Met I	ANXA2_RAT	Q07936	Annexin A2	Anxa2	H (1) M (3) R (3)	86
Met I	ANXA5_RAT	P14668	Annexin A5	Anxa5	H (3) M (3) R (3)	49
Met II	APAF_RAT	Q9EPV5	Apoptotic protease-activating factor 1	Apaf1	M (0)	1

Met I; Met II	ARL8B_RAT	Q66HA6	ADP-ribosylation factor-like protein 8B	Arl8b	H (1) M (1) R (1)	36
Met II	ARM10_RAT	B1WBW4	Armadillo repeat-containing protein 10	Armcl10	H (1) M (1) R (1)	12
Met II	ARMX3_RAT	Q5XID7	Armadillo repeat-containing X-linked protein 3	Armxc3	H (1)	3
Met I; Met II	AT1A1_RAT	P06685	Sodium/potassium-transporting ATPase subunit alpha-1	Atp1a1	H (1) M (1) R (1)	89
Met I	AT1A2_RAT	P06686	Sodium/potassium-transporting ATPase subunit alpha-2	Atp1a2	H (1) M (1) R (1)	17
Met I	AT1A3_RAT	P06687	Sodium/potassium-transporting ATPase subunit alpha-3	Atp1a3	H (1) M (1) R (1)	22
Met I; Met II	AT1A4_RAT	Q64541	Sodium/potassium-transporting ATPase subunit alpha-4	Atp1a4	H (0) M (0)	7
Met I; Met II	AT1B3_RAT	Q63377	Sodium/potassium-transporting ATPase subunit beta-3	Atp1b3	H (1) M (1) R (1)	41
Met II	AT2A1_RAT	Q64578	Sarcoplasmic/endoplasmic reticulum calcium ATPase 1 (SERCA1)	Atp2a1	H (1) M (1) R (1)	12
Met II	AT5F1_RAT	P19511	ATP synthase F(0) complex subunit B1 mitochondrial	Atp5pb	H (1) M (1) R (1)	48
Met II	ATAD1_RAT	Q505J9	ATPase family AAA domain-containing protein 1	Atad1	H (1) M (1) R (1)	24
Met II	ATAD3_RAT	Q3KRE0	ATPase family AAA domain-containing protein 3	Atad3	H (1) M (1)	5
Met II	ATP4A_RAT	P09626	Potassium-transporting ATPase alpha chain 1	Atp4a	H (1) M (1) R (1)	24
Met I; Met II	ATP5H_RAT	P31399	ATP synthase subunit D mitochondrial	Atp5pd	H (1)	41
Met I; Met II	ATP5I_RAT	P29419	ATP synthase subunit E mitochondrial	Atp5me	H (1)	20
Met I; Met II	ATP5J_RAT	P21571	ATP synthase-coupling factor 6 mitochondrial	Atp5pf	H (1) M (1) R (1)	22
Met I; Met II	ATPA_RAT	P15999	ATP synthase subunit alpha mitochondrial	Atp5f1a	H (3) M (3) R (3)	98
Met I	ATPB_RAT	P10719	ATP synthase subunit beta mitochondrial	Atp5f1b	H (1) M (1) R (3)	97
Met II	ATPG_RAT	P35435	ATP synthase subunit gamma mitochondrial	Atp5f1c	H (1) M (1) R (1)	37
Met II	ATPK_RAT	D3ZAF6	ATP synthase subunit F mitochondrial	Atp5mf	H (1) M (1)	19
Met I; Met II	ATPO_RAT	Q06647	ATP synthase subunit O mitochondrial	Atp5po	H (1)	33
Met II	ATRAP_RAT	Q642A2	Type-1 angiotensin II receptor-associated protein	Agtrap	H (1)	2
Met II	AUP1_RAT	A1L134	Ancient ubiquitous protein 1	Aup1	H (0) M (0)	2
Met II	B0BN02_RAT	B0BN02	Metaxin 1	Mtx1	H (1) M (1)	5
Met II	B0BN30_RAT	B0BN30	Mitochondrial carrier homolog 1	Mtch1	H (1) M (1)	15
Met II	B0BN52_RAT	B0BN52	Mitochondrial carrier homolog 2	Mtch2	H (1) M (1)	28
Met I; Met II	B0BN81_RAT	B0BN81	Ribosomal protein S5	Rps5	H (1) M (1) R (1)	30
Met I; Met II	B0BNG3_RAT	B0BNG3	Vesicular integral-membrane protein VIP36	Lman2	H (1) M (1)	22
Met I	B0BNJ1_RAT	B0BNJ1	Sorcin	Sri	H (0) M (0)	9
Met II	B0BNK1_RAT	B0BNK1	Ras-related protein Rab-5c	Rab5c	H (1) M (1)	51
Met I	B0K010_RAT	B0K010	Thioredoxin domain-containing 17	Txndc17	M (0)	1
Met I	B0K031_RAT	B0K031	60S ribosomal protein L7, isoform	Rpl7	H (1) M (1) R (1)	48
Met II	B1WBY5_RAT	B1WBY5	Dnaj homolog subfamily C member 11	Dnajc11	H (1) M (1)	21
Met II	B1WBY7_RAT	B1WBY7	Erlin-1	Erlin1	H (1) M (1)	47
Met II	B1WC61_RAT	B1WC61	Acyl-CoA dehydrogenase family member 9	Acad9	H (0)	5
Met II	B1WC67_RAT	B1WC67	Solute carrier family 25 member 24	Slc25a24	H (1) M (1)	26
Met I; Met II	B2GUV5_RAT	B2GUV5	V-type proton ATPase subunit G 1	Atp6v1g1	H (0)	23
Met II	B2GUX5_RAT	B2GUX5	5'-nucleotidase	Nt5c3a	H (3) M (3) R (3)	54
Met I; Met II	B2GUZ9_RAT	B2GUZ9	Fam49b protein	Fam49b	H (1)	2
Met I	B2GV72_RAT	B2GV72	Carbonyl reductase 3	Cbr3	H (1)	1
Met I; Met II	B2GV96_RAT	B2GV96	Coiled-coil domain containing 115	Ccdc115	H (0) M (0)	23
Met I	B2GVB9_RAT	B2GVB9	Fermt3 protein	Fermt3	H (0)	12
Met I; Met II	B2MG_RAT	P07151	Beta-2-microglobulin	B2m	H (1) M (1) R (1)	19
Met I; Met II	B2RYC9_RAT	B2RYC9	Glucosylceramidase	Gba	H (0) M (0) R (0)	12

Met II	B2RYD7_RAT	B2RYD7	STT3B, catalytic subunit of the oligosaccharyltransferase complex	Stt3b	H (1) M (1)	11
Met II	B2RYF6_RAT	B2RYF6	Cleft lip and palate associated transmembrane protein 1	Clptm1	H (1) M (1)	7
Met II	B2RYQ2_RAT	B2RYQ2	Serine/threonine-protein phosphatase 2A activator	Ptpa	H (0)	1
Met I	B2RZ27_RAT	B2RZ27	SH3 domain-binding glutamic acid-rich-like protein 3	Sh3bgrl3	H (0)	8
Met II	B2RZB3_RAT	B2RZB3	Eva-1 homolog B	Eva1b	H (1)	2
Met I; Met II	B2RZD1_RAT	B2RZD1	Protein transport protein Sec61 subunit beta	Sec61b	H (1) M (1)	16
Met II	B3A2_RAT	P23347	Anion exchange protein 2	Slc4a2	H (0)	1
Met II	B4F7C2_RAT	B4F7C2	Tubulin beta-4A	Tubb4a	H (1) M (1)	21
Met II	B4F7C9_RAT	B4F7C9	STT3A, catalytic subunit of the oligosaccharyltransferase complex	Stt3a	H (1) M (1)	20
Met II	B5DEL8_RAT	B5DEL8	NADH dehydrogenase (Ubiquinone) iron-sulfur protein 5	Ndufs5	H (1) M (1)	18
Met II	B6RK61_RAT	B6RK61	Myosin heavy chain 7B	Myh7b	H (1)	2
Met II	BAF_RAT	Q9R1T1	Barrier-to-autointegration factor	Banf1	H (0) M (0)	11
Met I	BAG6_RAT	Q6MG49	Large proline-rich protein BAG6	Bag6	H (0) M (0)	4
Met I; Met II	BASI_RAT	P26453	Basigin	Bsg	H (3) M (3) R (3)	78
Met I; Met II	BASP1_RAT	Q05175	Brain acid soluble protein 1	Basp1	H (3) M (3) R (3)	68
Met II	BET1_RAT	Q62896	Bet1 golgi vesicular membrane trafficking protein	Bet1	H (0)	2
Met II	BET1L_RAT	O35152	BET1-like protein	Bet1l	H (0)	2
Met II	C1GLT_RAT	Q9JJ05	Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1	C1galt1	M (0)	1
Met I; Met II	C1QBP_RAT	O35796	Complement component 1 Q subcomponent-binding protein mitochondrial	C1qbp	H (1) M (1) R (1)	28
Met II	CADM3_RAT	Q1WIM3	Cell adhesion molecule 3	Cadm3	R (0)	2
Met I	CAH2_RAT	P27139	Carbonic anhydrase 2	Ca2	H (0) M (0)	9
Met I	CALM_RAT	P0DP29	Calmodulin-1	Calm1	H (0) M (0)	4
Met I; Met II	CALR_RAT	P18418	Calreticulin	Calr	H (1) M (1) R (1)	49
Met I; Met II	CALX_RAT	P35565	Calnexin	Canx	H (1) M (1) R (1)	83
Met I	CAP1_RAT	Q08163	Adenylyl cyclase-associated protein 1	Cap1	H (1) M (1) R (0)	36
Met I	CAPG_RAT	Q6AYC4	Macrophage-capping protein	Capg	H (0) M (0)	15
Met I	CAPZB_RAT	Q5XI32	F-actin-capping protein subunit beta	Capzb	H (1) M (1) R (1)	39
Met I	CAZA2_RAT	Q3T1K5	F-actin-capping protein subunit alpha-2	Capza2	H (1) M (1) R (1)	18
Met II	CCD47_RAT	Q5U2X6	Coiled-coil domain-containing protein 47	Ccdc47	H (1) M (1) R (1)	23
Met II	CD38_RAT	Q64244	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1	Cd38	H (0) M (0)	6
Met I; Met II	CD48_RAT	P10252	CD48 antigen	Cd48	H (1) M (1) R (1)	16
Met I	CDC37_RAT	Q63692	Hsp90 co-chaperone Cdc37	Cdc37	H (0) M (0)	8
Met I; Met II	CDC42_RAT	Q8CFN2	Cell division control protein 42 homolog (CDC42)	Cdc42	H (1) M (1) R (1)	59
Met I	CDV3_RAT	Q5XIM5	Protein CDV3 homolog	Cdv3	H (0)	4
Met I; Met II	CH10_RAT	P26772	10 kDa heat shock protein mitochondrial	Hspe1	H (1) M (0) R (1)	22
Met II	CH60_RAT	P63039	60 kDa heat shock protein	Hspd1	H (1) M (1) R (1)	65
Met II	CISD1_RAT	B0K020	CDGSH iron-sulfur domain-containing protein 1	Cisd1	H (1) M (1) R (1)	24
Met I; Met II	CISY_RAT	Q8VHF5	Citrate synthase mitochondrial	Cs	H (1) M (1) R (1)	16
Met II	CK5P3_RAT	Q9JLH7	CDK5 regulatory subunit-associated protein 3	Cdk5rap3	H (0) M (0)	3
Met II	CLCN5_RAT	P51796	Chloride intracellular channel protein 5	Clcn5	H (1) M (1)	4
Met I; Met II	CLH1_RAT	P11442	Clathrin heavy chain 1	Cltc	H (3) M (3) R (3)	77
Met I	CLIC1_RAT	Q6MG61	Chloride intracellular channel protein 1	Clic1	H (1) M (1)	32
Met I; Met II	CNTN1_RAT	Q63198	Contactin 1	Cntn1	H (1) M (1) R (1)	16
Met I; Met II	COF1_RAT	P45592	Cofilin-1	Cfl1	H (1) M (1) R (1)	52

Met II	COMT_RAT	P22734	Catechol O-methyltransferase	Comt	H (1) R (1)	14
Met II	COPB_RAT	P23514	Coatomer subunit beta 1	Copb1	H (0) M (0)	20
Met II	COPB2_RAT	O35142	Coatomer subunit beta 2	Copb2	H (0) M (0)	19
Met II	COPG1_RAT	Q4AEF8	Coatomer subunit gamma 1	Copg1	H (0) M (0) R (0)	11
Met I	COR1A_RAT	Q91ZN1	Coronin-1A	Coro1a	H (2) M (2) R (2)	22
Met I	COTL1_RAT	B0BNA5	Coactosin-like protein	Cotl1	H (0)	4
Met I; Met II	COX41_RAT	P10888	Cytochrome c oxidase subunit 4 isoform 1 mitochondrial	Cox4i1	H (1) M (1) R (1)	61
Met I; Met II	COX5A_RAT	P11240	Cytochrome c oxidase subunit 5A mitochondrial	Cox5a	H (3) M (3) R (3)	55
Met I; Met II	COX5B_RAT	P12075	Cytochrome c oxidase subunit 5B mitochondrial	Cox5b	H (1) M (1) R (1)	42
Met I; Met II	CP20A_RAT	Q6P7D4	Cytochrome P450 20A1	Cyp20a1	H (0) M (0)	3
Met II	CP51A_RAT	Q64654	Lanosterol 14-alpha demethylase	Cyp51a1	H (0)	5
Met II	CR1L_RAT	Q63135	Complement component receptor 1-like protein	Cr1l	M (0)	1
Met I; Met II	CX6C2_RAT	P11951	Cytochrome c oxidase subunit 6C2	Cox6c2	R (3)	6
Met II	CX7A2_RAT	P35171	Cytochrome c oxidase subunit 7A2	Cox7a2	H (1) M (1) R (1)	40
Met II	CYB5B_RAT	P04166	Cytochrome b5 type B	Cyb5b	H (1) M (1) R (1)	32
Met I	CYBP_RAT	Q6AYK6	Calcyclin-binding protein	Cacybp	H (0) M (0)	6
Met I	CYC_RAT	P62898	Cytochrome c somatic	Cycs	M (0) R (0)	4
Met II	D3Z9L0_RAT	D3Z9L0	Acylglycerol kinase	Agk	H (1) M (1)	17
Met II	D3ZAS9_RAT	D3ZAS9	DDR GK domain containing 1	Ddrgk1	H (1) M (1)	10
Met II	D3ZAY7_RAT	D3ZAY7	Band 4.1-like protein 2	Epb41l2	H (1) M (1)	22
Met II	D3ZCZ9_RAT	D3ZCZ9	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6	LOC100912599	H (0)	15
Met I; Met II	D3ZD09_RAT	D3ZD09	Cytochrome c oxidase subunit 6B1	Cox6b1	H (3) M (3)	23
Met II	D3ZD11_RAT	D3ZD11	Signal peptidase complex subunit 2	Spcs2	H (1) M (1)	22
Met II	D3ZD83_RAT	D3ZD83	Major facilitator superfamily domain-containing protein 10	Mfsd10	M (0)	3
Met II	D3ZDR2_RAT	D3ZDR2	Charged multivesicular body protein 6	Chmp6	H (0) M (0)	7
Met II	D3ZF11_RAT	D3ZF11	Ragulator complex protein LAMTOR5	Lamtor5	H (1) M (1)	15
Met II	D3ZF12_RAT	D3ZF12	Signal peptidase complex subunit 3	Spcs3	H (1) R (1)	17
Met II	D3ZF54_RAT	D3ZF54	Anoctamin-10	Ano10	H (0) M (0)	11
Met II	D3ZFK5_RAT	D3ZFK5	Signal peptidase complex subunit 1	Spcs1	H (0)	4
Met II	D3ZG43_RAT	D3ZG43	NADH dehydrogenase (ubiquinone) iron-sulfur protein 3	Ndufs3	H (1) M (1)	42
Met I; Met II	D3ZGM7_RAT	D3ZGM7	Peptidase inhibitor 16	Pi16	H (0)	11
Met II	D3ZHA7_RAT	D3ZHA7	Myosin light chain 6B	RGD1560334_predicted	M (0)	12
Met II	D3ZIE9_RAT	D3ZIE9	Delta-1-pyrroline-5-carboxylate synthase	Aldh18a1	H (1) M (1)	6
Met II	D3ZIJ5_RAT	D3ZIJ5	Dolichyl-phosphate mannosyltransferase subunit 3	Dpm3	H (0)	2
Met II	D3ZIP8_RAT	D3ZIP8	Endonuclease domain containing 1	---	H (1) M (1)	44
Met II	D3ZJ32_RAT	D3ZJ32	Extended synaptotagmin 2	Esyt2	H (1) M (1)	9
Met II	D3ZJS3_RAT	D3ZJS3	Translocase of outer mitochondrial membrane 6	Tomm6	H (1)	2
Met II	D3ZJX5_RAT	D3ZJX5	Mitochondrial import inner membrane translocase subunit TIM50	Timm50	H (1) M (1)	15
Met II	D3ZK56_RAT	D3ZK56	Ras-related protein Rap-2c	Rap2c	H (0) M (0)	26
Met II	D3ZKE6_RAT	D3ZKE6	Sarcolemmal membrane-associated protein	Slmap	M (0)	1
Met II	D3ZL85_RAT	D3ZL85	Cytochrome c heme lyase	Hccs	H (1)	4
Met II	D3ZLC4_RAT	D3ZLC4	Slc2a6 protein	Slc2a6	M (0)	1
Met II	D3ZLT7_RAT	D3ZLT7	Uncharacterized protein KIAA2013	RGD1305350	H (0) M (0)	10
Met II	D3ZM19_RAT	D3ZM19	Protein EVI2B	Evi2b	H (0)	1

Met II	D3ZMR1_RAT	D3ZMR1	Translocase of outer mitochondrial membrane 7	Tomm7	H (1)	6
Met I; Met II	D3ZN21_RAT	D3ZN21	ATP-dependent RNA helicase DDX3Y	Ddx3y	H (1) M (1)	8
Met II	D3ZNG3_RAT	D3ZNG3	Signal peptide peptidase-like 2A	Sppl2a	H (0) M (0)	2
Met II	D3ZP13_RAT	D3ZP13	Sulfhydryl oxidase 2	Qsox2	H (0)	2
Met II	D3ZP98_RAT	D3ZP98	Minor histocompatibility antigen H13	Hm13	H (1) M (1)	21
Met I	D3ZPP2_RAT	D3ZPP2	ADP-ribosylation factor-like protein 8A	Arl8a	H (0) M (1)	19
Met I; Met II	D3ZPR0_RAT	D3ZPR0	Exportin-2	Cse1l	H (0) M (0)	18
Met I; Met II	D3ZRN3_RAT	D3ZRN3	Beta-actin-like protein 2	Actbl2	H (1) M (3)	28
Met I; Met II	D3ZSA9_RAT	D3ZSA9	Nodal modulator 1	Nomo1	H (1) M (1)	13
Met II	D3ZTJ0_RAT	D3ZTJ0	Protein XRP2	Rp2	H (1) M (1)	50
Met II	D3ZUD8_RAT	D3ZUD8	Transmembrane 9 superfamily member 3	Tm9sf3	H (0) M (0)	18
Met II	D3ZUX5_RAT	D3ZUX5	MICOS complex subunit MIC-19	Chchd3	H (1) M (1)	35
Met II	D3ZUZ4_RAT	D3ZUZ4	Glycosaminoglycan xylosylkinase	Fam20b	H (0) M (0)	2
Met I; Met II	D3ZV75_RAT	D3ZV75	Major facilitator superfamily domain-containing protein 1	Mfsd1	H (0)	6
Met II	D3ZWS0_RAT	D3ZWS0	Protein scribble homolog	Scrib	H (1) M (1)	18
Met II	D3ZXF9_RAT	D3ZXF9	39S ribosomal protein L12, mitochondrial	Mrpl12	H (1)	7
Met I	D3ZYS7_RAT	D3ZYS7	Ras GTPase-activating protein 1	G3bp1	H (3) M (0)	16
Met I; Met II	D3ZYW2_RAT	Q499R8	Heterogeneous nuclear ribonucleoprotein H	Hnrnph1	H (1) M (1)	18
Met I; Met II	D3ZZR9_RAT	D3ZZR9	Peptidylprolyl isomerase	Fkbp2	H (1)	1
Met II	D3ZZS8_RAT	D3ZZS8	V-type proton ATPase subunit B, kidney isoform	Atp6v1b1	H (0)	10
Met II	D4A017_RAT	D4A017	Transmembrane protein 87 A	Tmem87a	H (0) M (0)	2
Met II	D4A0E2_RAT	D4A0E2	NSF attachment protein gamma	Napg	H (1) M (1)	6
Met II	D4A0G7_RAT	D4A0G7	Ras-related protein Rab-37	Rab37	H (0)	1
Met II	D4A0T0_RAT	D4A0T0	NADH dehydrogenase 1 beta subcomplex subunit 10	Ndufb10	H (3) M (3) R (3)	41
Met II	D4A0T8_RAT	D4A0T8	Dehydrogenase/reductase SDR family member 7	Dhrs7	H (0)	5
Met II	D4A0W1_RAT	D4A0W1	ER membrane protein complex subunit 4	Emc4	H (1)	4
Met I	D4A0Y9_RAT	D4A0Y9	Phosphatidylcholine translocator ABCB4	Abcb1b	R (0)	1
Met I; Met II	D4A133_RAT	D4A133	V-type proton ATPase catalytic subunit A	Atp6v1a	H (3) M (3)	78
Met I; Met II	D4A1D8_RAT	D4A1D8	Surfeit 4	Surf4	H (1) M (1)	24
Met II	D4A2H2_RAT	D4A2H2	Serine palmitoyltransferase 1	Sptlc1	H (1) M (1)	15
Met II	D4A2Z6_RAT	D4A2Z6	Translocation protein SEC63 homolog	Sec63	H (1)	9
Met II	D4A376_RAT	D4A376	Ras-related protein Rab-12	Rab12	H (1) M (1) R (1)	8
Met II	D4A416_RAT	D4A416	Cleft lip and palate transmembrane protein 1-like protein	Clptm1l	H (1) M (1)	12
Met II	D4A465_RAT	D4A465	Ragulator complex protein LAMTOR2	Lamtor2	H (3) M (3)	38
Met II	D4A4J3_RAT	D4A4J3	Alpha-mannosidase 2x	Man2a2	H (0)	1
Met II	D4A4T0_RAT	D4A4T0	STIP1 homology and U box-containing protein 1	Stub1	M (0)	4
Met II	D4A5K6_RAT	D4A5K6	Zinc metallopeptidase STE24	Zmpste24	H (1) M (1)	27
Met II	D4A781_RAT	D4A781	Importin 5	Ipo5	H (1) M (1)	20
Met I	D4A7U1_RAT	D4A7U1	Zyxin	Zyx	H (0) M (0)	24
Met II	D4A7Y9_RAT	D4A7Y9	Essential MCU regulator, mitochondrial	Smdt1	H (0)	1
Met II	D4A994_RAT	D4A994	ER membrane protein complex subunit 1	Emc1	H (1)	12
Met I; Met II	D4A9L2_RAT	D4A9L2	Serine/arginine-rich splicing factor 1	Srsf1	H (1) M (1)	9
Met II	D4AA91_RAT	D4AA91	Ceramide synthase 5	Cers5	H (0)	1
Met I; Met II	D4AAE9_RAT	D4AAE9	CDGSH iron-sulfur domain-containing protein 2	Cisd2	H (0) M (0)	7

Met II	D4AAL4_RAT	D4AAL4	Adhesion G protein-coupled receptor L3	Adgrl3	H (0) R (0)	4
Met II	D4ABI7_RAT	D4ABI7	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase	Hacd3	H (1) M (1)	22
Met II	D4ABM3_RAT	D4ABM3	Dishevelled associated activator of morphogenesis 1	Daam1	H (0)	9
Met II	D4ABY2_RAT	D4ABY2	Coatomer subunit gamma 2	Copg2	H (0)	2
Met II	D4ACG2_RAT	D4ACG2	Acetolactate synthase-like protein	Ilvbl	H (1)	4
Met II	D4ADE8_RAT	D4ADE8	ATP-dependent RNA helicase DDX3X	Ddx3x	H (1) M (1)	12
Met I; Met II	D4ADS9_RAT	D4ADS9	EFR3 homolog A	Efr3a	H (1) M (1)	39
Met II	D4ADV4_RAT	Q80ZA5	Sodium-driven chloride bicarbonate exchanger	Slc4a10	R (0)	1
Met I; Met II	D4AEG2_RAT	D4AEG2	Ras-related protein Rab-32	Rab32	H (0) M (0)	10
Met I	D4AEP0_RAT	D4AEP0	Adenylosuccinate synthetase isozyme 2	Adss	H (1)	4
Met II	DAD1_RAT	P61805	Dolichyl-diphosphooligosaccharide protein glycosyltransferase subunit DAD1	Dad1	H (0) M (0) R (0)	14
Met II	DHC24_RAT	Q5BQE6	Delta(24)-sterol reductase	Dhcr24	H (1) M (1)	12
Met II	DHCR7_RAT	Q9Z2Z8	7-dehydrocholesterol reductase	Dhcr7	H (0) M (0) R (0)	11
Met II	DHE3_RAT	P10860	Glutamate dehydrogenase 1	Glud1	H (1) M (1) R (1)	27
Met II	DHPR_RAT	P11348	Dihydropteridine reductase	Qdpr	H (1) M (1)	2
Met I; Met II	DHSA_RAT	Q920L2	Succinate dehydrogenase [ubiquinone] flavoprotein subunit mitochondrial	Sdha	H (1) M (1) R (1)	34
Met II	DHSB_RAT	P21913	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit mitochondrial	Sdhb	H (1) M (1) R (1)	17
Met I	DUT_RAT	P70583	Deoxyuridine 5'-triphosphate nucleotidohydrolase	Dut	H (0)	2
Met I	DX39B_RAT	Q63413	Spliceosome RNA helicase Ddx39b	Ddx39b	H (0) M (0)	7
Met I	E9PSV5_RAT	E9PSV5	Phosphoserine aminotransferase	Psat1	H (1) M (1)	12
Met I; Met II	E9PT29_RAT	E9PT29	ATP-dependent RNA helicase DDX17	Ddx17	H (0) M (1)	6
Met I	E9PT65_RAT	E9PT65	Radixin	Rdx	H (1) M (1)	14
Met II	E9PTI1_RAT	E9PTI1	V-type proton ATPase subunit H	Atp6v1h	H (1) M (1)	46
Met II	E9PTU4_RAT	E9PTU4	Myosin heavy chain 11	Myh11	H (0) M (0)	15
Met I; Met II	E9PTW1_RAT	E9PTW1	Secretory carrier-associated membrane protein	Scamp3	H (0)	1
Met I; Met II	E9PTX9_RAT	E9PTX9	Solute carrier family 12 member 2	Slc12a2	H (1) M (1)	23
Met II	E9PU37_RAT	E9PU37	Palmitoyltransferase	Zdhhc13	H (0)	1
Met II	ECHA_RAT	Q64428	Trifunctional enzyme subunit alpha	Hadha	H (3) M (3) R (3)	65
Met I	EF1A1_RAT	P62630	Elongation factor 1-alpha 1	Eef1a1	H (1) M (3) R (3)	70
Met I; Met II	EF1G_RAT	Q68FR6	Elongation factor 1-gamma	Eef1g	H (1) M (1) R (1)	38
Met I; Met II	EF2_RAT	P05197	Elongation factor 2	Eef2	H (3) M (3) R (3)	52
Met II	EMC2_RAT	B0BNG0	ER membrane protein complex subunit 2	Emc2	H (1) M (1)	12
Met II	EMC3_RAT	Q5U2V8	ER membrane protein complex subunit 3	Emc3	H (1)	4
Met II	EMC8_RAT	Q5FVL2	ER membrane protein complex subunit 8	Emc8	H (1) M (1) R (1)	11
Met I; Met II	ENOA_RAT	P04764	Alpha-enolase	Eno1	H (1) M (3) R (3)	63
Met I	ENOB_RAT	P15429	Beta-enolase	Eno3	H (0) R (0)	10
Met I; Met II	ENPL_RAT	Q66HD0	Endoplasmic reticulum protein	Hsp90b1	H (1) M (1)	52
Met II	ENPP3_RAT	P97675	Ectonucleotide pyrophosphatase/phosphodiesterase family member 3	Enpp3	H (0) R (1)	4
Met II	ERLN2_RAT	B5DEH2	Erlin-2	Erlin2	H (3) M (3) R (3)	74
Met I	ERO1A_RAT	Q8R4A1	ERO1-like protein alpha	Ero1a	H (1)	3
Met I	ERP29_RAT	P52555	Endoplasmic reticulum resident protein 29	Erp29	H (1) M (0)	17
Met II	ESYT1_RAT	Q9Z1X1	Extended synaptotagmin 1	Esyt1	H (1) M (1) R (1)	39
Met I	EZRI_RAT	P31977	Ezrin	Ezr	H (1) M (1)	24
Met I	F10A1_RAT	P50503	Hsc70-interacting protein	St13	H (0) M (0)	6

Met I; Met II	F1LM66_RAT	F1LM66	116 kDa U5 small nuclear ribonucleoprotein component	Eftud2	H (1) M (1)	8
Met I	F1LM82_RAT	F1LM82	Heterogeneous nuclear ribonucleoproteins A2/B1	Hnrnpa2b1	H (1) M (1)	21
Met II	F1LMG7_RAT	F1LMG7	Leucine-rich repeat-containing protein 7	Lrrc7	R (0)	3
Met I; Met II	F1LMM5_RAT	F1LMM5	Arachidonate 5-lipoxygenase	Alox5	H (0)	2
Met I	F1LMP7_RAT	F1LMP7	Granulins	Grn	H (0) M (0)	4
Met II	F1LN88_RAT	F1LN88	Aldehyde dehydrogenase	Aldh2	M (1)	6
Met II	F1LNC4_RAT	F1LNC4	Vesicle transport through interaction with t-SNAREs homolog 1B	Vti1b	H (1) M (1) R (1)	20
Met II	F1LNF0_RAT	F1LNF0	Myosin heavy chain 14	Myh14	H (0) M (0)	21
Met II	F1LNT8_RAT	F1LNT8	VAMP8	Vamp8	H (1) M (1) R (1)	29
Met II	F1LNX2_RAT	F1LNX2	Calcium release-activated calcium channel protein 1 (Orai1)	Orai1	H (0)	3
Met II	F1LP82_RAT	F1LP82	Ras-related protein Rab-2a	Rab2a	H (1) M (1) R (1)	58
Met II	F1LPK9_RAT	F1LPK9	Phosphatidylinositol glycan anchor biosynthesis class U protein	Pigu	H (1)	4
Met I	F1LPV0_RAT	F1LPV0	Asparagine--tRNA ligase, cytoplasmic	Nars	H (0)	2
Met I; Met II	F1LQ81_RAT	F1LQ81	Vesicle-fusing ATPase	Nsf	H (1) M (1) R (1)	32
Met II	F1LQ92_RAT	F1LQ92	Sel-1 homolog 1	Sel1l	H (0) R (0)	6
Met I	F1LQJ7_RAT	F1LQJ7	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial	Pck2	H (0)	2
Met II	F1LQR8_RAT	F1LQR8	Inositol 1,4,5-trisphosphate receptor type 2	Itpr2	H (0)	6
Met I; Met II	F1LRK1_RAT	F1LRK1	Sodium/potassium-transporting ATPase subunit alpha	Atp4a	M (1)	1
Met II	F1LSI5_RAT	F1LSI5	Ras GTPase-activating protein 3	Rasa3	H (0) M (0) R (0)	17
Met I	F1LSN4_RAT	F1LSN4	Fibroblast growth factor receptor	Fgfr3	H (0)	1
Met II	F1LSV4_RAT	Q3B7D2	Serine palmitoyltransferase 2	Sptlc2	H (0)	1
Met II	F1LU48_RAT	F1LU48	Endoplasmic reticulum-golgi intermediate compartment 1	Ergic1	H (1) M (1)	10
Met II	F1LVC3_RAT	F1LVC3	Ras-related protein Rab-6b	Rab6b	H (0)	12
Met I	F1LVV4_RAT	F1LVV4	Protein RCC2	Rcc2	H (0)	1
Met II	F1LW77_RAT	F1LW77	Ras-related protein Rab-33b	Rab33b	M (0)	3
Met II	F1LX07_RAT	F1LX07	Solute carrier family 25 member 12	Slc25a12	H (1) M (1)	32
Met I; Met II	F1LZW6_RAT	F1LZW6	Solute carrier family 25 member 13	Slc25a13	R (1)	1
Met II	F1LZX9_RAT	F1LZX9	Integrin alpha 5	Itgav	H (1) M (1)	15
Met I; Met II	F1M0G0_RAT	F1M0G0	Regulator of G-protein signaling 17	Rgs17	H (1) M (1)	3
Met I; Met II	F1M0J3_RAT	F1M0J3	Sodium bicarbonate cotransporter 3, isophorm 4	Slc4a7	H (1) M (1) R (1)	20
Met II	F1M1U0_RAT	F1M1U0	Matrix remodeling associated 7	Mxra7	H (0) M (0)	2
Met I	F1M2K3_RAT	F1M2K3	Small ubiquitin-related modifier	Sumo2	H (0) M (0)	5
Met I	F1M2P8_RAT	F1M2P8	Protein kinase C alpha	Prkca	H (1) M (1)	4
Met II	F1M391_RAT	F1M391	Stimulator of interferon genes protein	Tmem173	H (1)	11
Met I	F1M4T3_RAT	B2RYQ5	Enhancer of rudimentary homolog	Erh	H (0) M (0)	8
Met II	F1M5Z5_RAT	F1M5Z5	Anoctamin-6	Ano6	H (0) M (0)	20
Met II	F1M6W2_RAT	F1M6W2	Endoplasmic reticulum metalloproteinase 1	Ermp1	H (1) M (1) R (1)	8
Met II	F1M779_RAT	F1M779	Clathrin heavy chain	Cltc	H (3) M (3) R (3)	77
Met II	F1M790_RAT	F1M790	Prostaglandin F2 receptor negative regulator	Ptgfrn	H (1) M (1) R (1)	9
Met I; Met II	F1M7T6_RAT	F1M7T6	Translocon-associated protein subunit gamma	Ssr3	H (1) M (1)	19
Met I	F1M8X9_RAT	F1M8X9	Golgi brefeldin A-resistant guanine nucleotide exchange factor 1	Gbf1	H (0)	1
Met II	F1MA50_RAT	F1MA50	transmembrane protein 123	Tmem123	H (0) M (0)	2
Met II	F1MA89_RAT	F1MA89	Cyclin Y	Ccny	H (1) M (1)	20
Met I	F7EPH4_RAT	F7EPH4	Inorganic Pyrophosphatase	Ppa1	H (0)	3

Met I	F7EWC1_RAT	F7EWC1	Vasodilator-stimulated phosphoprotein	Vasp	H (0) M (0)	13
Met I; Met II	F7F4S8_RAT	B2RYB8	Integrin beta 2	Itgb2	H (0) M (0)	15
Met II	F7F744_RAT	Q6S395	Plectin	Plec	H (3) M (3) R (3)	50
Met I; Met II	F7FFV2_RAT	F7FFV2	keratin 5	Krt5	H (0) M (1) R (1)	38
Met II	F7FKI5_RAT	F7FKI5	Pyruvate dehydrogenase component E1 alpha	Pdha1	H (1) M (1) R (1)	11
Met II	F7FNS3_RAT	F7FNS3	Derlin	Derl1	H (0) M (0)	9
Met II	FACR1_RAT	Q66H50	Fatty acyl-CoA reductase 1	Far1	H (0) M (0)	4
Met II	FAF2_RAT	Q5BK32	FAS-associated factor 2	Faf2	H (1) M (1) R (1)	25
Met II	FAM3C_RAT	Q810F4	Protein FAM3C	Fam3c	H (1) M (1)	16
Met II	FCERG_RAT	P20411	High affinity immunoglobulin epsilon receptor subunit gamma	Fcer1g	H (0) M (0)	7
Met I	FEN1_RAT	Q5XIP6	Flap endonuclease 1	Fen1	H (0) M (0)	3
Met I; Met II	FGR_RAT	Q6P6U0	Tyrosine-protein kinase Fgr	Fgr	H (0) M (0)	6
Met II	FIS1_RAT	P84817	Mitochondrial fission 1 protein	Fis1	H (1) M (1) R (1)	15
Met I	FKB1A_RAT	Q62658	Peptidyl-prolyl cis-trans isomerase FKBP1A	Fkbp1a	H (0)	5
Met II	FKBP8_RAT	Q3B7U9	Peptidyl-prolyl cis-trans isomerase FKBP8	Fkbp8	H (1) M (1) R (1)	15
Met II	FLOT1_RAT	Q9Z1E1	Flotillin-1	Flot1	H (3) M (1) R (3)	101
Met II	FLOT2_RAT	Q9Z2S9	Flotillin-2	Flot2	H (3) M (3) R (3)	90
Met I	FPPS_RAT	P05369	Farnesyl pyrophosphate synthase	Fdps	H (0)	9
Met II	FRK_RAT	Q62662	Tyrosine-protein kinase FRK	Frk	H (0)	1
Met II	FUT8_RAT	Q6EV76	Alpha-(1,6)-fucosyltransferase	Fut8	H (0) M (0)	3
Met I; Met II	G3P_RAT	P04797	Glyceraldehyde-3-phosphate dehydrogenase	Gapdh	H (1) M (1) R (1)	88
Met II	G3PT_RAT	Q9ESV6	Glyceraldehyde-3-phosphate dehydrogenase testis-specific	Gapdhs	H (0)	2
Met II	G3V667_RAT	G3V667	Integrin alpha 6	Itga6	H (1) M (1)	24
Met I; Met II	G3V679_RAT	G3V679	Transferrin receptor protein 1	Tfrc	H (1) M (1) R (1)	51
Met I; Met II	G3V6D3_RAT	G3V6D3	ATP synthase subunit beta	Atp5f1b	H (1)	3
Met II	G3V6H0_RAT	G3V6H0	Ras-related protein Rab-1b	LOC100363782	H (3) M (1) R (1)	56
Met II	G3V6H5_RAT	G3V6H5	Solute carrier family 25 member 11	Slc25a11	H (1) M (1) R (1)	38
Met II	G3V6N2_RAT	G3V6N2	Transmembrane emp24 domain-containing protein 4	Tmed4	H (1) M (1)	7
Met I; Met II	G3V6P7_RAT	G3V6P7	Myosin heavy chain 9	Myh9	H (3) M (3)	83
Met I; Met II	G3V6P8_RAT	G3V6P8	Guanine nucleotide-binding protein gamma-12	Gng12	H (3) M (3)	45
Met II	G3V6R4_RAT	G3V6R4	Leucine-rich repeat-containing protein 1	Lrrc1	H (1)	6
Met II	G3V6T1_RAT	G3V6T1	Coatamer subunit alpha	Copa	H (1) M (1)	21
Met I	G3V6T7_RAT	G3V6T7	Protein disulfide-isomerase A4	Pdia4	H (1) M (1)	23
Met I; Met II	G3V6W2_RAT	G3V6W2	Prolactin regulatory element-binding protein	Preb	H (0) M (0)	8
Met I; Met II	G3V741_RAT	G3V741	Solute carrier family 25 member 3	Slc25a3	H (3) M (3) R (3)	60
Met II	G3V784_RAT	G3V784	ADP-dependent glucokinase	Adpgk	H (0) M (0)	7
Met II	G3V7I0_RAT	G3V7I0	Peroxisomal oxidoreductase 3	Prdx3	H (1) R (1)	24
Met II	G3V7I3_RAT	G3V7I3	Manganese-transporting ATPase 13A1	Atp13a1	H (0) M (0)	18
Met I	G3V7J7_RAT	G3V7J7	Eukaryotic translation initiation factor 5A-2	Eif5a2	H (0)	1
Met II	G3V7N0_RAT	G3V7N0	Heparan sulfate 2-O-sulfotransferase 1	Hs2st1	H (0) M (0)	9
Met II	G3V7N6_RAT	G3V7N6	Lysophospholipid acyltransferase 7	Mboat7l1	H (0) M (0)	24
Met I; Met II	G3V7Q7_RAT	G3V7Q7	Ras GTPase-activating-like protein IQGAP1	Iqgap1	H (1) M (1)	36
Met II	G3V7U6_RAT	G3V7U6	Calpain 5	Capn5	H (0) M (0)	25
Met II	G3V7Y9_RAT	P28494	Alpha-mannosidase 2	Man2a1	H (0) M (0)	3

Met I	G3V852_RAT	G3V852	Talin-1	Tln1	H (3) M (3)	34
Met II	G3V878_RAT	G3V878	Signal peptidase complex catalytic subunit SEC11	Sec11c	M (1)	2
Met II	G3V887_RAT	G3V887	V-type proton ATPase subunit A	Tcirg1	H (2) M (2)	12
Met I	G3V8A5_RAT	G3V8A5	Vacuolar protein sorting-associated protein 35	Vps35	H (1) M (1)	10
Met I	G3V8C4_RAT	G3V8C4	Chloride intracellular channel protein 4	Clic4	M (1)	1
Met II	G3V8F5_RAT	G3V8F5	Mitochondrial import receptor subunit TOM40 homolog	Tomm40	H (3) M (3) R (3)	36
Met I; Met II	G3V8G5_RAT	G3V8G5	Golgi apparatus protein 1	Glg1	H (1) M (1) R (1)	34
Met II	G3V8L7_RAT	G3V8L7	Integrin alpha M	Itgam	M (1)	2
Met II	G3V8Q1_RAT	G3V8Q1	Coatomer subunit epsilon	Cope	H (0) M (0)	3
Met II	G3V8V4_RAT	G3V8V4	Ceramide synthase 2	Cers2	H (0) M (0)	8
Met II	G3V8Z1_RAT	G3V8Z1	Linker for activation of T-cells family member 2 (NTAL)	Lat2	H (1) M (1) R (1)	10
Met II	G3V964_RAT	G3V964	Neurotrimin	Ntm	H (1) M (1) R (1)	22
Met I	G3V9A3_RAT	G3V9A3	14-3-3 protein sigma	Sfn	H (0) M (0)	11
Met II	G3V9N0_RAT	G3V9N0	Polyadenylate-binding protein 4	Pabpc4	H (1)	9
Met II	G3V9N9_RAT	G3V9N9	alpha-1,2-Mannosidase	Man1a1	H (0) M (0)	1
Met II	G3V9S3_RAT	G3V9S3	Tyrosine-protein phosphatase non-receptor type 13	Ptpn13	H (0) M (0)	3
Met I; Met II	G3V9U7_RAT	G3V9U7	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (SERCA3)	Atp2a3	H (0) M (0)	13
Met II	G3V9W2_RAT	G3V9W2	Tyrosine-protein kinase JAK1	Jak1	H (0) M (0)	11
Met II	G3V9X8_RAT	G3V9X8	Magnesium transporter protein 1	Magt1	H (1) M (1)	6
Met II	G3V9Y2_RAT	G3V9Y2	Phospholipid phosphatase 1	Plpp1	H (0) M (0)	17
Met II	GALT1_RAT	Q10473	Polypeptide N-acetylgalactosaminyltransferase 1	Galnt1	H (1) M (1)	6
Met II	GALT7_RAT	Q9R0C5	Polypeptide N-acetylgalactosaminyltransferase 7	Galnt7	H (1)	6
Met I; Met II	GBB1_RAT	P54311	Transducin beta-1	Gnb1	H (3) M (3) R (3)	87
Met I; Met II	GBB2_RAT	P54313	Transducin beta-2	Gnb2	H (3) M (3) R (3)	76
Met II	GBB4_RAT	O35353	Transducin beta-4	Gnb4	H (3) M (3) R (3)	34
Met I	GDIA_RAT	P50398	Rab GDP dissociation inhibitor alpha	Gdi1	H (1) M (1) R (1)	12
Met I	GDIB_RAT	P50399	Rab GDP dissociation inhibitor beta	Gdi2	H (0) M (1) R (1)	15
Met I	GDIR1_RAT	Q5XI73	Rho GDP dissociation inhibitor 1	Arhgdia	H (0) M (1)	19
Met I	GELS_RAT	Q68FP1	Gelsolin	Gsn	H (3) M (3)	37
Met I; Met II	GFAP_RAT	P47819	Glial fibrillary acidic protein	Gfap	H (1) M (1) R (1)	14
Met II	GHITM_RAT	Q5XIA8	Growth hormone-inducible transmembrane protein	Ghitm	H (0) M (0)	6
Met II	GL8D1_RAT	Q6AYF6	Glycosyltransferase 8 domain-containing protein 1	Glt8d1	H (0)	2
Met I	GLOD4_RAT	Q5I0D1	Glyoxalase domain-containing protein 4	Glod4	H (0)	3
Met II	GNA11_RAT	Q9JID2	Guanine nucleotide-binding protein alpha-11	Gna11	H (1) M (1) R (1)	43
Met I; Met II	GNAI2_RAT	P04897	Guanine nucleotide-binding protein G(i) subunit alpha-2	Gnai2	H (3) M (3) R (3)	86
Met I; Met II	GNAI3_RAT	P08753	Guanine nucleotide-binding protein G(k) subunit alpha	Gnai3	H (3) M (3) R (3)	66
Met II	GNAQ_RAT	P82471	Guanine nucleotide-binding protein G(q) subunit alpha	Gnaq	H (1) M (1) R (1)	70
Met I	GNAS1_RAT	Q63803	Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas	Gnas	H (3) M (3)	28
Met I; Met II	GNAS2_RAT	P63095	Guanine nucleotide-binding protein G(s) subunit alpha	Gnas	H (3) M (3) R (3)	32
Met I; Met II	GNAZ_RAT	P19627	Guanine nucleotide-binding protein G(z) subunit alpha	Gnaz	H (1) M (1) R (1)	20
Met II	GOGA2_RAT	Q62839	Golgin subfamily A member 2	Golga2	H (0)	1
Met II	GOGA7_RAT	Q6AYQ1	Golgin subfamily A member 7	Golga7	H (1) M (1) R (1)	18
Met II	GOLI4_RAT	Q5BJK8	Golgi integral membrane protein 4	Golim4	H (0) M (0)	7
Met II	GOSR2_RAT	O35165	Golgi SNAP receptor complex member 2	Gosr2	H (0) M (0) R (0)	8

Met I; Met II	GPDM_RAT	P35571	Glycerol-3-phosphate dehydrogenase mitochondrial	Gpd2	H (1) M (1) R (1)	21
Met II	GPSM3_RAT	Q6MG88	G-protein-signaling modulator 3	Gpsm3	H (0) M (0)	9
Met I; Met II	GRP75_RAT	P48721	Mortalin	Hspa9	H (3) M (3) R (3)	64
Met I; Met II	GRP78_RAT	P06761	Endoplasmic reticulum chaperone BiP	Hspa5	H (1) M (1) R (1)	86
Met I; Met II	GTR1_RAT	P11167	Solute carrier family 2, facilitated glucose transporter member 1	Slc2a1	H (3) M (3) R (3)	41
Met I; Met II	GTR3_RAT	Q07647	Solute carrier family 2, facilitated glucose transporter member 3	Slc2a3	H (1) M (1) R (1)	15
Met I; Met II	H14_RAT	P15865	Histone H1.4	Hist1h1e	H (0) M (0)	23
Met I; Met II	H4_RAT	P62804	Histone H4	st1h4b; Hist1h4m; Hist4	H (3) M (3) R (3)	45
Met II	HA12_RAT	P16391	RT1 class I histocompatibility antigen AA alpha chain	---	R (1)	5
Met I	HAP28_RAT	Q62785	28 kDa heat- and acid-stable phosphoprotein	Pdap1	H (0) M (0)	12
Met II	HMOX1_RAT	P06762	Heme oxygenase 1	Hmox1	H (1) M (1) R (1)	22
Met II	HMOX2_RAT	P23711	Heme oxygenase 2	Hmox2	H (1) M (1) R (1)	23
Met II	HNRPF_RAT	Q794E4	Heterogeneous nuclear ribonucleoprotein F	Hnrnpf	H (1) M (1)	18
Met I; Met II	HS90A_RAT	P82995	Heat shock protein HSP 90-alpha	Hsp90aa1	H (1) M (1) R (1)	56
Met I; Met II	HS90B_RAT	P34058	Heat shock protein HSP 90-beta	Hsp90ab1	H (3) M (3) R (3)	64
Met I; Met II	HSP72_RAT	P14659	Heat shock-related 70 kDa protein 2	Hspa2	H (1) M (1) R (1)	16
Met I	HSP74_RAT	O88600	Heat shock 70 kDa protein 4	Hspa4	H (0) M (0)	15
Met II	HSP7C_RAT	P63018	Heat shock cognate 71 kDa protein	Hspa8	H (3) M (3) R (3)	102
Met I	HXK1_RAT	P05708	Hexokinase-1	Hk1	H (1) M (1) R (1)	22
Met I	HXK2_RAT	P27881	Hexokinase-2	Hk2	R (1)	3
Met II	ICAM1_RAT	Q00238	Intercellular adhesion molecule 1 (ICAM1)	Icam1	H (1) M (1)	13
Met I; Met II	IF4A2_RAT	Q5RKI1	Eukaryotic initiation factor 4A-II	Eif4a2	H (0) M (0) R (0)	6
Met I	IF4A3_RAT	Q3B8Q2	Eukaryotic initiation factor 4A-III	Eif4a3	H (1) M (0)	10
Met I	IF5A1_RAT	Q3T1J1	Eukaryotic translation initiation factor 5A-1	Eif5a	H (0) M (0)	16
Met I	IF6_RAT	Q3KRD8	Eukaryotic translation initiation factor 6	Eif6	H (0)	1
Met II	IKIP_RAT	Q5EAJ6	Inhibitor kappa-B kinase-interacting protein	Ikbip	H (1)	14
Met I	ILEUA_RAT	Q4G075	Leukocyte elastase inhibitor	Serpinb1a	H (0)	6
Met I; Met II	ILRL1_RAT	Q62611	Interleukin 1 receptor-like 1	Il1rl1	M (0)	1
Met I; Met II	IMB1_RAT	P52296	Importin subunit beta-1	Kpnb1	H (1) M (1) R (1)	47
Met I; Met II	IMMT_RAT	Q3KR86	MICOS complex subunit Mic60	Immt	H (3) M (3) R (3)	64
Met II	IMPA3_RAT	D4AD37	Inositol monophosphatase 3	Impad1	H (1) M (1)	4
Met II	IR3IP_RAT	P85007	Immediate early response 3-interacting protein 1	Ier3ip1	H (1) M (1) R (1)	7
Met II	ITB1_RAT	P49134	Integrin beta 1	Itgb1	H (1) M (1) R (1)	61
Met I; Met II	ITFG3_RAT	Q5M7W6	Protein FAM234A	Fam234a	H (1) M (1) R (1)	7
Met II	ITM2B_RAT	Q5XIE8	Integral membrane protein 2B	Itm2b	H (1) M (1)	16
Met I; Met II	ITM2C_RAT	Q5PQL7	Integral membrane protein 2C	Itm2c	H (1) M (1) R (1)	6
Met II	ITPR2_RAT	P29995	Inositol 1,4,5-trisphosphate receptor type 2	Itpr2	H (0)	6
Met II	ITPR3_RAT	Q63269	Inositol 1,4,5-trisphosphate receptor type 3	Itpr3	H (1) M (1)	12
Met I; Met II	K1C10_RAT	Q6IFW6	Keratin, type I cytoskeletal 10	Krt10	H (1) M (1) R (1)	47
Met I; Met II	K1C14_RAT	Q6IFV1	Keratin, type I cytoskeletal 14	Krt14	H (1) M (1)	26
Met I; Met II	K1C15_RAT	Q6IFV3	Keratin, type I cytoskeletal 15	Krt15	H (0) M (0) R (0)	4
Met I; Met II	K1C17_RAT	Q6IFU8	Keratin, type I cytoskeletal 17	Krt17	H (0) M (0)	11
Met II	K1C18_RAT	Q5BJY9	Keratin, type I cytoskeletal 18	Krt18	H (1) M (1)	18
Met II	K1C42_RAT	Q6IFU7	Keratin, type I cytoskeletal 42	Krt42	M (1)	2

Met II	K22E_RAT	Q6IG02	Keratin, type II cytoskeletal 2 epidermal	Krt2	H (1) M (1)	35
Met I; Met II	K2C1_RAT	Q6IMF3	Keratin, type II cytoskeletal 1	Krt1	H (1) M (1) R (1)	46
Met I; Met II	K2C1B_RAT	Q6IG01	Keratin, type II cytoskeletal 1B	Krt77	H (1)	8
Met II	K2C4_RAT	Q6IG00	Keratin, type II cytoskeletal 4	Krt4	H (0)	2
Met I	K2C5_RAT	Q6P6Q2	Keratin, type II cytoskeletal 5	Krt5	H (1) M (1) R (1)	38
Met I; Met II	K2C6A_RAT	Q4FZU2	Keratin, type II cytoskeletal 6A	Krt6a	H (0) M (0)	15
Met II	K2C7_RAT	Q6IG12	Keratin, type II cytoskeletal 7	Krt7	H (1)	6
Met I; Met II	K2C73_RAT	Q6IG03	Keratin, type II cytoskeletal 73	Krt73	M (0)	1
Met I; Met II	K2C75_RAT	Q6IG05	Keratin, type II cytoskeletal 75	Krt75	H (0)	4
Met I; Met II	K2C8_RAT	Q10758	Keratin, type II cytoskeletal 8	Krt8	H (1) M (1)	23
Met I	KAP0_RAT	P09456	cAMP-dependent protein kinase type I-alpha regulatory subunit	Prkar1a	H (1) M (0) R (1)	20
Met II	KAP2_RAT	P12368	cAMP-dependent protein kinase type II-alpha regulatory subunit	Prkar2a	H (1) M (1) R (1)	17
Met II	KC1G1_RAT	Q62761	Casein kinase I isoform gamma-1	Csnk1g1	H (1) M (1)	10
Met II	KC1G2_RAT	Q62762	Casein kinase I isoform gamma-2	Csnk1g2	H (3) M (3)	16
Met II	KC1G3_RAT	Q62763	Casein kinase I isoform gamma-3	Csnk1g3	H (1) R (1)	12
Met I	KCY_RAT	Q4KM73	UMP-CMP kinase	Cmpk1	H (0)	8
Met I; Met II	KPYM_RAT	P11980	Pyruvate kinase PKM	Pkm	H (3) M (3) R (3)	64
Met I	KPYR_RAT	P12928	Pyruvate kinase PKLR	Pklr	H (0) M (0)	5
Met II	LAMP1_RAT	P14562	Lysosome-associated membrane glycoprotein 1 (Lamp1)	Lamp1	H (1) M (1) R (1)	45
Met II	LAMP2_RAT	P17046	Lysosome-associated membrane glycoprotein 2 (Lamp2)	Lamp2	H (1) M (1) R (1)	26
Met I; Met II	LAP2_RAT	Q62733	Lamina-associated polypeptide 2 isoform beta	Tmpo	H (1)	21
Met I; Met II	LAT_RAT	O70601	Linker for activation of T-cells family member 1 (LAT)	Lat	H (0) R (0)	10
Met II	LAT1_RAT	Q63016	Large neutral amino acids transporter small subunit 1	Slc7a5	H (1) M (1) R (1)	31
Met II	LBR_RAT	O08984	Lamin-B receptor	Lbr	H (0) M (0)	20
Met I	LCK_RAT	Q01621	Tyrosine-protein kinase LCK	Lck	H (1)	11
Met I; Met II	LDHA_RAT	P04642	L-lactate dehydrogenase A chain	Ldha	H (1) M (1) R (1)	41
Met II	LDLR_RAT	P35952	Low-density lipoprotein receptor	Ldlr	H (1) M (1)	3
Met I	LEG1_RAT	P11762	Galectin-1	Lgals1	H (0) M (0)	33
Met II	LETM1_RAT	Q5XIN6	Mitochondrial proton/calcium exchanger protein	Letm1	H (1) M (1) R (1)	22
Met II	LEUK_RAT	P13838	Leukosialin	Spn	H (0) M (0)	7
Met II	LMAN1_RAT	Q62902	Lectin mannose-binding 1	Lman1	H (1) M (1) R (1)	36
Met II	LMBD1_RAT	Q6AZ61	Probable lysosomal cobalamin transporter	Lmbrd1	M (0)	1
Met II	LMF2_RAT	A1L1J9	Lipase maturation factor 2	Lmf2	H (0) M (0)	5
Met I; Met II	LPPRC_RAT	Q5SGE0	Leucine-rich PPR motif-containing protein mitochondrial	Lrpprc	H (1) R (1)	14
Met I; Met II	LRC59_RAT	Q5RJR8	Leucine-rich repeat-containing protein 59	Lrrc59	H (1) M (1) R (1)	56
Met I; Met II	LTOR1_RAT	Q6P791	Ragulator complex protein LAMTOR1	Lamtor1	H (3) M (3) R (3)	65
Met II	LTOR3_RAT	Q5U204	Ragulator complex protein LAMTOR3	Lamtor3	H (3) M (3) R (3)	37
Met I; Met II	LYN_RAT	Q07014	Tyrosine-protein kinase Lyn	Lyn	H (1) M (1) R (1)	47
Met II	M0R402_RAT	M0R402	Protein disulfide-isomerase TMX3	Tmx3	H (1) M (1)	3
Met I	M0R5K9_RAT	M0R5K9	40S ribosomal protein S18	---	H (1) M (1) R (1)	44
Met I	M0R9L0_RAT	M0R9L0	Nascent polypeptide-associated complex subunit alpha	Naca	H (1) M (1)	16
Met II	M0RAJ8_RAT	M0RAJ8	40S ribosomal protein S2	---	H (1)	25
Met I	M0RAU0_RAT	M0RAU0	Advanced glycosylation end product-specific receptor	Ager	M (0)	4
Met II	M0RBJ0_RAT	M0RBJ0	Guanine nucleotide-binding protein gamma-2	Gng2	H (0) M (0)	17

Met II	M0RC99_RAT	M0RC99	Ras-related protein Rab-5a	Rab5a	H (1) M (1) R (1)	24
Met II	M0RCF3_RAT	M0RCF3	Integrin beta 3	Itgb3	H (1) M (1)	13
Met II	M0RCS2_RAT	M0RCS2	Transducin beta-like protein 2	Tbl2	H (1) M (1)	12
Met II	M0RD75_RAT	M0RD75	40S ribosomal protein S6	Rps6	H (1) M (1)	33
Met II	M0RDI5_RAT	M0RDI5	Mitochondrial calcium uniporter	Mcu	H (0) M (0)	14
Met I	MAK_RAT	P20793	Serine/threonine-protein kinase MAK	Mak	M (0)	1
Met I	MANF_RAT	P0C5H9	Mesencephalic astrocyte-derived neurotrophic factor	Manf	H (0)	6
Met I	MARE1_RAT	Q66HR2	Microtubule-associated protein RP/EB family member 1	Mapre1	H (0) M (0)	14
Met II	MAVS_RAT	Q66HG9	Mitochondrial antiviral-signaling protein	Mavs	H (1) M (1) R (1)	14
Met II	MBOA5_RAT	Q5FVN0	Lysophospholipid acyltransferase 5	Lpcat3	M (0) R (0)	5
Met I	MDHC_RAT	O88989	Malate dehydrogenase cytoplasmic	Mdh1	H (1) M (1) R (1)	17
Met I; Met II	MDHM_RAT	P04636	Malate dehydrogenase mitochondrial	Mdh2	H (1) M (1) R (1)	48
Met II	MGAT2_RAT	Q09326	Alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase	Mgat2	H (0)	1
Met II	MIRO2_RAT	Q7TSA0	Mitochondrial Rho GTPase 2	Rhot2	H (1) R (1)	10
Met I	MK03_RAT	P21708	Mitogen-activated protein kinase 3	Mapk3	H (0)	1
Met II	MLEC_RAT	Q5FVQ4	Malectin	Mlec	H (1) M (1) R (1)	36
Met II	MMGT1_RAT	B5DF51	Membrane magnesium transporter 1	Mmgt1	H (0)	2
Met II	MOGS_RAT	O88941	Mannosyl-oligosaccharide glucosidase	Mogs	H (1) M (1)	8
Met II	MOSC2_RAT	O88994	Mitochondrial amidoxime reducing component 2	Marc2	H (1) M (1) R (1)	10
Met I; Met II	MOT1_RAT	P53987	Monocarboxylate transporter 1	Slc16a1	H (1) M (1) R (1)	31
Met I	MPRD_RAT	Q6AY20	Cation-dependent mannose-6-phosphate receptor	M6pr	H (1) M (1) R (1)	18
Met II	MRLCA_RAT	P13832	Myosin regulatory light chain RLC-A	Rlc-a	R (2)	2
Met II	MSMO1_RAT	O35532	Methylsterol monooxygenase 1	Msmo1	H (0) R(1)	2
Met I	MTPN_RAT	P62775	Myotrophin	Mtpn	H (0) M (0)	11
Met II	MYH10_RAT	Q9JLT0	Myosin heavy chain 10	Myh10	H (3) M (3) R (3)	43
Met I; Met II	MYL6_RAT	Q64119	Myosin light polypeptide 6	Myl6	H (1) M (1) R (1)	55
Met II	NB5R3_RAT	P20070	NADH-cytochrome b5 reductase 3	Cyb5r3	H (1) M (1) R (1)	69
Met I	NCF2_RAT	A7E3N2	Neutrophil cytosol factor 2	Ncf2	H (0)	1
Met II	NCLN_RAT	Q5XIA1	Nicalin	Ncln	H (1) M (1) R (1)	10
Met I; Met II	NCPR_RAT	P00388	NADPH--cytochrome P450 reductase	Por	H (1) M (1) R (1)	40
Met I	NDKA_RAT	Q05982	Nucleoside diphosphate kinase A	Nme1	H (1) M (1) R (1)	16
Met I	NDKB_RAT	P19804	Nucleoside diphosphate kinase B	Nme2	H (1) M (1) R (1)	16
Met II	NDUAA_RAT	Q561S0	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10	Ndufa10	H (1) M (1)	43
Met I; Met II	NDUS1_RAT	Q66HF1	NADH-ubiquinone oxidoreductase 75 kDa subunit mitochondrial	Ndufs1	H (3) M (3) R (3)	54
Met II	NDUS2_RAT	Q641Y2	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2	Ndufs2	H (1) M (1) R (1)	33
Met I; Met II	NDUV2_RAT	P19234	NADH dehydrogenase [ubiquinone] flavoprotein 2 mitochondrial	Ndufv2	H (1) M (1) R (1)	42
Met I	NEDD4_RAT	Q62940	E3 ubiquitin-protein ligase NEDD4	Nedd4	M (0)	4
Met I	NHRF1_RAT	Q9JJ19	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	Slc9a3r1	H (1)	9
Met I; Met II	NICA_RAT	Q8CGU6	Nicastrin	Ncstn	H (3) M (3) R (3)	21
Met I	NP1L4_RAT	Q5U2Z3	Nucleosome assembly protein 1-like 4	Nap1l4	H (0)	2
Met I	NPM_RAT	P13084	Nucleophosmin	Npm1	H (1) M (1) R (1)	47
Met II	NPTN_RAT	P97546	Neuroplastin	Nptn	H (1) M (1) R (1)	24
Met I	NSDHL_RAT	Q5PPL3	Sterol-4-alpha-carboxylate 3-dehydrogenase decarboxylating	Nsdhl	H (1) M (1) R (1)	8
Met I	NSF1C_RAT	O35987	NSFL1 cofactor p47	Nsfl1c	H (0)	5

Met I	NTF2_RAT	P61972	Nuclear transport factor 2	Nutf2	H (0)	1
Met II	NUCB1_RAT	Q63083	Nucleobindin-1	Nucb1	H (1) R (1)	11
Met II	NUCB2_RAT	Q9JI85	Nucleobindin-2	Nucb2	H (1)	5
Met I; Met II	NUCL_RAT	P13383	Nucleolin	Ncl	H (0) M (0)	38
Met II	O89035_RAT	O89035	Solute carrier family 25 member 10	Slc25a10	H (1) M (1) R (1)	13
Met II	OCAD1_RAT	Q5XIG4	OCIA domain-containing protein 1	Ociad1	H (1) R (1)	18
Met II	ODO1_RAT	Q5XI78	2-oxoglutarate dehydrogenase complex component E1	Ogdh	H (1) M (1) R (1)	37
Met II	ODO2_RAT	Q01205	2-oxoglutarate dehydrogenase complex component E2	Dlst	H (1) M (1) R (1)	46
Met I; Met II	ODP2_RAT	P08461	Pyruvate dehydrogenase component E2	Dlat	H (1) M (1) R (1)	21
Met II	ODPB_RAT	P49432	Pyruvate dehydrogenase component E1 beta	Pdhhb	H (1) M (1) R (1)	24
Met II	OGFD3_RAT	Q5M843	2-oxoglutarate and iron-dependent oxygenase domain-containing protein 3	Ogfod3	M (0)	1
Met I	ORN_RAT	Q5U1X1	Oligoribonuclease mitochondrial	Rexo2	M (0)	2
Met II	OS9_RAT	Q5RKH6	Protein OS-9	Os9	H (1)	2
Met II	OST48_RAT	Q641Y0	Oligosaccharyl transferase 48 kDa subunit	Ddost	H (1) M (1) R (1)	50
Met I	OTUB1_RAT	B2RYG6	Ubiquitin thioesterase OTUB1	Otub1	M (0)	1
Met II	P2RX4_RAT	P51577	P2X purinoceptor 4	P2rx4	H (0) M (0)	6
Met II	P4K2B_RAT	Q5XIL2	Phosphatidylinositol 4-kinase type 2-beta	Pi4k2b	M (0)	3
Met II	PABP1_RAT	Q9EPH8	Polyadenylate-binding protein 1	Pabpc1	H (1) M (1) R (1)	34
Met I	PAIRB_RAT	Q6AXS5	Plasminogen activator inhibitor 1 RNA-binding protein	Serbp1	H (1) M (1)	20
Met I	PARK7_RAT	O88767	Protein/nucleic acid deglycase DJ-1	Park7	H (1) M (1) R (1)	15
Met II	PBIP1_RAT	A2VD12	Pre-B-cell leukemia transcription factor-interacting protein 1	Pbxip1	H (1) M (1) R (1)	5
Met I	PCNA_RAT	P04961	Proliferating cell nuclear antigen	Pcna	H (0) M (0)	10
Met I; Met II	PDIA1_RAT	P04785	Protein disulfide-isomerase	P4hb	H (1) M (1)	43
Met I; Met II	PDIA3_RAT	P11598	Protein disulfide-isomerase A3	Pdia3	H (1) M (1) R (1)	69
Met I	PDIA6_RAT	Q63081	Protein disulfide-isomerase A6	Pdia6	H (1) M (1) R (1)	40
Met I	PEBP1_RAT	P31044	Phosphatidylethanolamine-binding protein 1	Pebp1	H (0) M (1) R (0)	19
Met II	PECA1_RAT	Q3SWT0	Platelet endothelial cell adhesion molecule (Pecam1)	Pecam1	H (1) M (1) R (1)	17
Met I	PGAM1_RAT	P25113	Phosphoglycerate mutase 1	Pgam1	H (1) M (1) R (1)	33
Met II	PGFRB_RAT	Q05030	Platelet-derived growth factor receptor beta	Pdgfrb	H (0) M (0)	10
Met I	PGH2_RAT	P35355	Prostaglandin G/H synthase 2	Ptgs2	M (0)	2
Met I	PGK1_RAT	P16617	Phosphoglycerate kinase 1	Pgk1	H (3) M (3) R (3)	48
Met I; Met II	PGRC1_RAT	P70580	Membrane-associated progesterone receptor component 1	Pgrmc1	H (1) M (1) R (1)	35
Met II	PGRC2_RAT	Q5XIU9	Membrane-associated progesterone receptor component 2	Pgrmc2	H (1) M (1) R (1)	19
Met I; Met II	PHB_RAT	P67779	Prohibitin	Phb	H (3) M (1) R (1)	91
Met I; Met II	PHB2_RAT	Q5XIH7	Prohibitin 2	Phb2	H (3) M (3) R (3)	71
Met II	PIGS_RAT	Q5XI31	GPI transamidase component PIG-S	Pigs	H (1) M (1) R (1)	14
Met II	PLF4_RAT	P06765	Platelet factor 4	Pf4	H (0)	8
Met II	PLP2_RAT	Q6P742	Proteolipid protein 2	Plp2	H (1) M (1)	25
Met I; Met II	PLS1_RAT	P58195	Phospholipid scramblase 1	Plscr1	H (1) M (1)	17
Met II	PLS3_RAT	Q6QBQ4	Phospholipid scramblase 3	Plscr3	H (1) M (1) R (1)	10
Met II	PP1A_RAT	P62138	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit	Ppp1ca	H (1) R (1)	17
Met I	PP2AA_RAT	P63331	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform	Ppp2ca	H (1) M (1)	4
Met I; Met II	PPIA_RAT	P10111	Peptidyl-prolyl cis-trans isomerase A	Ppia	H (3) M (3) R (3)	61
Met I; Met II	PIIB_RAT	P24368	Peptidyl-prolyl cis-trans isomerase B	Ppib	H (1) M (1)	38

Met I; Met II	PRAF3_RAT	Q9ES40	PRA1 family protein 3	Arl6ip5	H (1) R (1)	14
Met I; Met II	PRDX1_RAT	Q63716	Peroxisedoxin-1	Prdx1	H (1) M (1) R (1)	62
Met I	PRDX2_RAT	P35704	Peroxisedoxin-2	Prdx2	H (1) M (1) R (0)	44
Met II	PRDX3_RAT	Q9Z0V6	Thioredoxin-dependent peroxide reductase mitochondrial	Prdx3	H (1) R (1)	12
Met I; Met II	PROF1_RAT	P62963	Profilin-1	Pfn1	H (1) M (1) R (1)	36
Met II	PSN1_RAT	P97887	Presenilin-1	Psen1	M (0)	2
Met II	PSN2_RAT	O88777	Presenilin-2	Psen2	H (1) M (1)	15
Met II	PTN1_RAT	P20417	Protein-tyrosine phosphatase 1B	Ptpn1	H (0) M (0)	9
Met II	PTPRC_RAT	P04157	Receptor-type tyrosine-protein phosphatase C (CD45)	Ptprc	H (1) M (1) R (1)	13
Met I	PUR9_RAT	O35567	Bifunctional purine biosynthesis protein PURH	Atic	H (1) M (0)	5
Met I	PYGL_RAT	P09811	Glycogen phosphorylase liver form	Pygl	H (0)	1
Met II	Q0R3W9_RAT	Q0R3W9	GTPase, IMAF family member 1	Gimap1	H (1)	3
Met II	Q2I6B1_RAT	Q2I6B1	V-type proton ATPase subunit A2	Atp6v0a2	H (0) M (0)	43
Met I; Met II	Q2I6B2_RAT	Q2I6B2	V-type proton ATPase subunit A1	Atp6v0a1	H (3) M (3) R (3)	61
Met II	Q2IBC7_RAT	Q2IBC7	Hepatocyte growth factor receptor	Met	H (0)	2
Met I; Met II	Q32PX6_RAT	Q32PX6	Rho-related GTP-binding protein RhoG	Rhog	H (1) M (1)	38
Met II	Q3B7V5_RAT	Q3B7V5	Ras-related protein Rab-2b	Rab2b	H (1)	14
Met II	Q3KRC3_RAT	Q3KRC3	Signal recognition particle receptor alpha	Srpra	H (1) M (1)	10
Met II	Q3MHS9_RAT	Q3MHS9	Chaperonin-containing TCP1 subunit 6A	Cct6a	M (1)	3
Met II	Q497A2_RAT	Q497A2	Solute carrier family 35 member B2	Slc35b2	H (0)	12
Met I; Met II	Q4KM97_RAT	Q4KM97	Tyrosine-protein kinase BLK	Blk	H (1)	1
Met II	Q4QQS6_RAT	Q4QQS6	Dolichyl-phosphate beta-glucosyltransferase	Alg5	H (0)	5
Met II	Q4QQV0_RAT	Q4QQV0	Tubulin beta-6	Tubb6	H (1) M (1)	19
Met I; Met II	Q4V7D1_RAT	Q4V7D1	Translocon-associated protein subunit alpha	Ssr1	H (1) M (1) R (1)	35
Met I; Met II	Q4V7D9_RAT	Q4V7D9	Acid sphingomyelinase-like phosphodiesterase 3B	Smpdl3b	H (0) M (0)	22
Met II	Q4V8N6_RAT	Q4V8N6	Solute carrier organic anion transporter family member 2A1	Slco4a1	H (0) M (0)	5
Met II	Q52KJ9_RAT	Q52KJ9	Thioredoxin-related transmembrane protein 1	Tmx1	H (1) M (1)	31
Met II	Q5BJZ3_RAT	Q5BJZ3	Nicotinamide nucleotide transhydrogenase	Nnt	H (1) M (1)	28
Met II	Q5EAP4_RAT	Q5EAP4	Guanine nucleotide binding protein alpha-14	Gna14	H (1) M (1)	19
Met I; Met II	Q5M7T6_RAT	Q5M7T6	V-type proton ATPase subunit D 1	Atp6v0d1	H (3) M (3)	71
Met I	Q5M860_RAT	Q5M860	Rho GDP dissociation inhibitor 2	Arhgdib	H (1) M (1)	10
Met I	Q5RJK5_RAT	Q5RJK5	Chromobox 3	Cbx3	H (0)	3
Met II	Q5RKJ9_RAT	Q5RKJ9	Ras-related protein Rab-10	Rab10	H (1) M (1) R (1)	60
Met I; Met II	Q5U1Y2_RAT	Q5U1Y2	Ras-related C3 botulinum toxin substrate 2 (Rac2)	Rac2	H (1) M (0)	32
Met II	Q5U1Z9_RAT	Q5U1Z9	Metaxin 2	Mtx2	H (1) M (1)	15
Met II	Q5U2Z8_RAT	Q5U2Z8	Elongation of very long chain fatty acids protein 1	Elov11	H (0) M (0)	10
Met I	Q5U362_RAT	Q5U362	Annexin A4	Anxa4	H (1) M (1) R (1)	31
Met I; Met II	Q5U3Z7_RAT	Q5U3Z7	Serine hydroxymethyltransferase	Shmt2	M (0)	1
Met II	Q5VLR5_RAT	Q5VLR5	Endoplasmic reticulum resident protein 44	Erp44	H (1)	8
Met II	Q5XI04_RAT	Q5XI04	Erythrocyte band 7 integral membrane protein	Stom	H (1) M (1)	77
Met I; Met II	Q5XI34_RAT	Q5XI34	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	Ppp2r1a	H (1) M (1)	17
Met II	Q5XI36_RAT	Q5XI36	CD97	Adgre5	H (1) M (1)	5
Met I	Q5XI38_RAT	Q5XI38	Lymphocyte cytosolic protein 1	Lcp1	H (0) M (0)	20
Met I	Q5XI77_RAT	Q5XI77	Annexin A11	Anxa11	H (1) M (1)	24

Met II	Q5XI86_RAT	Q5XI86	Peptidyl-tRNA hydrolase 2	Pthr2	H (1) M (1)	11
Met II	Q5XIH3_RAT	Q5XIH3	NADH dehydrogenase [ubiquinone] flavoprotein 1	Ndufv1	H (1) M (1) R (1)	38
Met I	Q5XIM7_RAT	Q5XIM7	Lysine--tRNA ligase	Kars	H (1) M (0)	10
Met II	Q5XIP2_RAT	Q5XIP2	GPI-anchor transamidase	Pigk	H (1) M (1)	8
Met II	Q5XIU4_RAT	Q5XIU4	B-cell receptor-associated protein 29	Bcap29	H (0)	12
Met I	Q5XIV1_RAT	Q5XIV1	Phosphoglycerate kinase 2	Pgk2	H (0)	1
Met II	Q66H18_RAT	Q66H18	Synaptophysin-like 1	Syp1l	H (1) M (1)	24
Met I	Q68FX4_RAT	Q68FX4	Hematopoietic cell-specific LYN substrate 1 (hcls1)	Hcls1	H (0)	6
Met II	Q6AXX5_RAT	Q6AXX5	Retinol dehydrogenase 11	Rdh11	H (1) M (1)	20
Met II	Q6AY18_RAT	Q6AY18	GTP-binding protein SAR1a	Sar1a	H (0) M (0)	13
Met I; Met II	Q6AYD3_RAT	Q6AYD3	Proliferation-associated protein 2G4	Pa2g4	H (1) M (1)	16
Met I; Met II	Q6AYI1_RAT	Q6AYI1	Probable ATP-dependent RNA helicase DDX5	Ddx5	H (0) M (0)	3
Met II	Q6AYM8_RAT	Q6AYM8	Glycosylphosphatidylinositol anchor attachment 1	Gpaa1	H (0) M (0)	3
Met II	Q6AYQ9_RAT	Q6AYQ9	Peptidyl-prolyl cis-trans isomerase C	Ppic	M (0)	12
Met I; Met II	Q6IFU9_RAT	Q6IFU9	keratin 16	Krt16	H (1)	12
Met II	Q6IFV6_RAT	Q6IFV6	Keratin 35	Krt35	M (0)	1
Met II	Q6IFZ5_RAT	Q6IFZ5	Keratin, type II cytoskeletal 2 oral	Krt76	H (1) M (0)	16
Met II	Q6IN24_RAT	Q6IN24	Galectin-8	Lgals8	H (1) M (2) R (1)	43
Met I	Q6IN37_RAT	Q6IN37	GM2 ganglioside activator	Gm2a	H (0)	1
Met II	Q6IRF8_RAT	Q6IRF8	V-type proton ATPase subunit S1	Atp6ap1	H (1) M (1) R (1)	39
Met I; Met II	Q6MGA3_RAT	Q6MGA3	Antigen peptide transporter 2	Tap2	H (0) M (0) R (0)	6
Met II	Q6MGB4_RAT	Q6MGB4	H2-K region expressed gene 4, rat orthologue	Slc39a7	R (0)	1
Met I; Met II	Q6P3V8_RAT	Q6P3V8	Eukaryotic initiation factor 4A-I	Eif4a1	H (1) M (1)	39
Met II	Q6P3V9_RAT	Q6P3V9	60S ribosomal protein L4	Rpl4	H (3) M (3) R (3)	50
Met II	Q6P503_RAT	Q6P503	V-type proton ATPase subunit D	Atp6v1d	M (1)	23
Met I; Met II	Q6P685_RAT	Q6P685	Eukaryotic translation initiation factor 2 subunit 2	Eif2s2	H (0) M (0)	15
Met I	Q6P6T6_RAT	Q6P6T6	Cathepsin D	Ctsd	H (1) M (1) R (1)	32
Met II	Q6P9V1_RAT	Q6P9V1	CD81 molecule	Cd81	H (1) M (1) R (1)	22
Met II	Q6PCU4_RAT	Q6PCU4	Emerin	Emd	H (1) M (1)	30
Met II	Q6PDV6_RAT	Q6PDV6	40S ribosomal protein S14	LOC100911847	H (1) M (1) R (1)	23
Met I	Q6TXF3_RAT	Q6TXF3	Acyl-CoA-binding protein	Dbi	H (0) M (1) R (1)	7
Met I; Met II	Q76GL9_RAT	Q76GL9	Neutral amino acid transporter A	Slc1a4	H (1) M (1)	6
Met I; Met II	Q78P65_RAT	Q78P65	Rap2A-like protein	Rap2a	R (1)	1
Met II	Q7TP42_RAT	Q7TP42	Translocation protein SEC62	Sec62	H (1) M (1)	21
Met II	Q8SEZ5_RAT	Q8SEZ5	Cytochrome c oxidase subunit 2	Mt-co2	H (3) M (3) R (3)	57
Met II	Q99JC6_RAT	Q99JC6	Tapasin	Tapbp	H (0) M (0)	10
Met I	Q9JKB7_RAT	Q9JKB7	Guanine deaminase	Gda	H (0) R (0)	3
Met I	Q9QX80_RAT	Q9QX80	Heterogeneous nuclear ribonucleoprotein A/B	Hnrnpab	H (0) M (0)	13
Met II	Q9Z1J7_RAT	Q9Z1J7	Amino acid transporter	Slc1a5	M (1)	14
Met I; Met II	QCR1_RAT	Q68FY0	Cytochrome b-c1 complex subunit 1 mitochondrial	Uqcrc1	H (3) M (3)	59
Met I; Met II	QCR2_RAT	P32551	Cytochrome b-c1 complex subunit 2 mitochondrial	Uqcrc2	H (3) M (3) R (3)	72
Met I; Met II	QCR6_RAT	Q5M9I5	Cytochrome b-c1 complex subunit 6 mitochondrial	Uqcrrh	H (1) R (1)	12
Met II	R9PXR4_RAT	R9PXR4	Mitochondrial import receptor subunit TOM70	Tomm70	H (1) M (1) R (1)	33
Met I	R9PXR7_RAT	B2GV92	Prostaglandin E synthase 3	Ptges3	H (0) M (0)	4

Met II	RAB14_RAT	P61107	Ras-related protein Rab-14	Rab14	H (1) M (1) R (1)	59
Met I; Met II	RAB15_RAT	P35289	Ras-related protein Rab-15	Rab15	H (0) M (0)	4
Met II	RAB18_RAT	Q5EB77	Ras-related protein Rab-18	Rab18	H (1) M (1) R (1)	29
Met I; Met II	RAB1A_RAT	Q6NYB7	Ras-related protein Rab-1a	Rab1A	H (3) M (3) R (3)	55
Met II	RAB21_RAT	Q6AXT5	Ras-related protein Rab-21	Rab21	H (1) M (1) R (1)	30
Met I; Met II	RAB2A_RAT	P05712	Ras-related protein Rab-2a	Rab2a	H (1) M (1) R (1)	58
Met I; Met II	RAB35_RAT	Q5U316	Ras-related protein Rab-35	Rab35	H (1) M (1) R (1)	54
Met II	RAB3A_RAT	P63012	Ras-related protein Rab-3a	Rab3a	H (1) M (1) R (1)	10
Met II	RAB3D_RAT	Q63942	Ras-related protein Rab-3d	Rab3d	H (0)	3
Met I; Met II	RAB4B_RAT	P51146	Ras-related protein Rab-4b	Rab4b	H (1) R (1)	7
Met II	RAB6A_RAT	Q9WVB1	Ras-related protein Rab-6a	Rab6a	H (1) M (1) R (1)	40
Met I; Met II	RAB7A_RAT	P09527	Ras-related protein Rab-7a	Rab7a	H (1) M (1) R (1)	79
Met II	RAB8A_RAT	P35280	Ras-related protein Rab-8a	Rab8a	H (1) M (1) R (1)	30
Met I; Met II	RAB8B_RAT	P70550	Ras-related protein Rab-8b	Rab8b	H (1) M (1) R (1)	27
Met II	RAB9A_RAT	Q99P75	Ras-related protein Rab-9a	Rab9a	H (0) M (0)	16
Met I; Met II	RAC1_RAT	Q6RUV5	Ras-related C3 botulinum toxin substrate 1 (Rac1)	Rac1	H (3) M (3) R (3)	65
Met I	RACK1_RAT	P63245	Receptor of activated protein C kinase 1 (RACK1)	Rack1	H (0) M (0)	19
Met II	RALA_RAT	P63322	Ras-related protein Ral-A	Rala	H (1) M (1) R (1)	50
Met I	RAN_RAT	P62828	GTP-binding nuclear protein Ran	Ran	H (1) M (1)	29
Met I; Met II	RAP1A_RAT	P62836	Ras-related protein Rap-1a	Rap1a	H (1) M (1) R (1)	61
Met I; Met II	RAP1B_RAT	Q62636	Ras-related protein Rap-1b	Rap1b	H (3) M (3) R (3)	55
Met I; Met II	RAP2B_RAT	P61227	Ras-related protein Rap-2b	Rap2b	H (1) M (1) R (1)	47
Met II	RASH_RAT	P20171	GTPase HRas	Hras	H (1) M (1) R (1)	29
Met II	RASK_RAT	P08644	GTPase KRas	Kras	H (0) M (0) R (0)	24
Met II	RASN_RAT	Q04970	GTPase NRas	Nras	H (1) M (1) R (1)	24
Met I; Met II	RB11B_RAT	O35509	Ras-related protein Rab-11b	Rab11b	H (3) M (3) R (3)	49
Met II	RB27A_RAT	P23640	Ras-related protein Rab-27a	Rab27a	H (0) M (0)	3
Met II	RB27B_RAT	Q99P74	Ras-related protein Rab-27b	Rab27b	H (0)	10
Met II	REN1_RAT	Q6AXS4	Renin receptor	Atp6ap2	H (1) M (1) R (1)	33
Met II	RER1_RAT	Q498C8	Protein RER1	Rer1	H (0) M (0)	10
Met I; Met II	RGS19_RAT	O70521	Regulator of G-protein signaling 19	Rgs19	H (1) M (0) R (1)	37
Met II	RHBL4_RAT	Q4V8F3	Rhomboid-related protein 4	Rhbdd1	H (0) M (0)	3
Met I; Met II	RHOA_RAT	P61589	Transforming protein RhoA	Rhoa	H (1) M (1) R (1)	37
Met II	RHOB_RAT	P62747	Rho-related GTP-binding protein RhoB	Rhob	M (0) R (0)	3
Met II	RL10_RAT	Q6PDV7	60S ribosomal protein L10	Rpl10	H (1) M (1)	26
Met I; Met II	RL10A_RAT	P62907	60S ribosomal protein L10a	Rpl10a	H (1) M (1)	28
Met II	RL11_RAT	P62914	60S ribosomal protein L11	Rpl11	H (3) M (3) R (3)	20
Met II	RL12_RAT	P23358	60S ribosomal protein L12	Rpl12	H (1) M (1) R (1)	43
Met II	RL13A_RAT	P35427	60S ribosomal protein L13a	Rpl13a	H (0) M (0) R (0)	29
Met II	RL14_RAT	Q63507	60S ribosomal protein L14	Rpl14	H (1) M (1) R (1)	38
Met II	RL17_RAT	P24049	60S ribosomal protein L17	Rpl17	H (1) M (1)	30
Met II	RL18_RAT	P12001	60S ribosomal protein L18	Rpl18	H (1) M (1) R (1)	53
Met II	RL18A_RAT	P62718	60S ribosomal protein L18a	Rpl18a	H (1) M (1)	23
Met II	RL19_RAT	P84100	60S ribosomal protein L19	Rpl19	H (1) M (1)	33

Met II	RL23_RAT	P62832	60S ribosomal protein L23	Rpl23	H (1) M (1) R (1)	39
Met II	RL24_RAT	P83732	60S ribosomal protein L24	Rpl24	H (1) M (1)	28
Met II	RL3_RAT	P21531	60S ribosomal protein L3	Rpl3	H (1)	21
Met I; Met II	RL30_RAT	P62890	60S ribosomal protein L30	Rpl30	H (1) M (1)	16
Met I; Met II	RL40_RAT	P62986	Ubiquitin-60S ribosomal protein L40	Uba52	H (0)	15
Met I	RL5_RAT	P09895	60S ribosomal protein L5	Rpl5	H (1) M (0)	24
Met I; Met II	RL7_RAT	P05426	60S ribosomal protein L7	Rpl7	H (0) M (0) R (0)	48
Met II	RLA0_RAT	P19945	60S acidic ribosomal protein P0	Rplp0	H (1) M (1) R (1)	54
Met I; Met II	RLA1_RAT	P19944	60S acidic ribosomal protein P1	Rplp1	H (1) M (1) R (1)	22
Met I	RLA2_RAT	P02401	60S acidic ribosomal protein P2	Rplp2	H (1) M (1) R (1)	41
Met II	RMD3_RAT	Q66H15	Regulator of microtubule dynamics protein 3	Rmdn3	H (1) M (1) R (1)	13
Met I	ROA3_RAT	Q6URK4	Heterogeneous nuclear ribonucleoprotein A3	Hnrnpa3	H (1) M (1)	10
Met I	RPN1_RAT	P07153	Dolichyl-diphosphooligosaccharide protein glycosyltransferase subunit 1	Rpn1	H (1) M (1) R (1)	70
Met I; Met II	RPN2_RAT	P25235	Dolichyl-diphosphooligosaccharide protein glycosyltransferase subunit 2	Rpn2	H (1) M (1) R (1)	54
Met II	RRAGA_RAT	Q63486	Ras-related GTP-binding protein A (Rag A)	Rraga	H (0) M (0)	4
Met II	RS11_RAT	P62282	40S ribosomal protein S11	Rps11	H (0) M (0)	24
Met II	RS13_RAT	P62278	40S ribosomal protein S13	Rps13	H (1) M (1) R (1)	29
Met II	RS15A_RAT	P62246	40S ribosomal protein S15a	Rps15a	H (1) M (1)	27
Met II	RS16_RAT	P62250	40S ribosomal protein S16	Rps16	H (1) M (1) R (1)	48
Met I	RS19_RAT	P17074	40S ribosomal protein S19	Rps19	H (1) M (0) R (0)	28
Met II	RS27A_RAT	P62982	Ubiquitin-40S ribosomal protein S27a	Rps27a	H (1)	16
Met I; Met II	RS28_RAT	P62859	40S ribosomal protein S28	Rps28	M (0)	5
Met I; Met II	RS3_RAT	P62909	40S ribosomal protein S3	Rps3	H (1) M (1) R (1)	46
Met II	RS3A_RAT	P49242	40S ribosomal protein S3a	Rps3a	H (1) M (1)	30
Met II	RS4X_RAT	P62703	40S ribosomal protein S4, X isoform	Rps4x	H (1) M (1)	39
Met I; Met II	RS7_RAT	P62083	40S ribosomal protein S7	Rps7	H (1) M (1) R (1)	39
Met I; Met II	RS8_RAT	P62243	40S ribosomal protein S8	Rps8	H (1) M (1) R (1)	41
Met I; Met II	RSSA_RAT	P38983	40S ribosomal protein SA	Rpsa	H (3) M (3)	31
Met I; Met II	RTN4_RAT	Q9JK11	Reticulon-4	Rtn4	H (3) M (3) R (3)	53
Met I; Met II	S38A2_RAT	Q9JHE5	Sodium-coupled neutral amino acid transporter 2	Slc38a2	H (0) M (0)	21
Met II	S61A1_RAT	P61621	SEC61 alpha-1	Sec61a1	H (0) M (0) R (0)	26
Met II	SAC1_RAT	Q9ES21	Phosphatidylinositol phosphatase SAC1	Sacm1l	H (1) M (1) R (1)	9
Met I	SAE1_RAT	Q6AXQ0	SUMO-activating enzyme subunit 1	Sae1	H (0)	1
Met II	SAM50_RAT	Q6AXV4	Sorting and assembly machinery component 50 homolog	Samm50	H (1) M (1) R (1)	34
Met I; Met II	SAP_RAT	P10960	Prosaposin	Psap	H (1) M (1) R (1)	18
Met II	SARAF_RAT	Q6AYN2	Store-operated calcium entry-associated regulatory factor (SARAF)	Saraf	H (0)	1
Met II	SC11A_RAT	P42667	SEC11 homolog A	Sec11a	H (1) M (1) R (1)	26
Met II	SC11C_RAT	Q9WTR7	SEC11 homolog C	Sec11c	H (0) M (0) R (0)	5
Met I; Met II	SC22B_RAT	Q4KM74	Vesicle-trafficking protein SEC22b	Sec22b	H (1) M (1) R (1)	48
Met II	SCFD1_RAT	Q62991	Syntaxin-binding protein 1-like 2	Scfd1	H (0) M (0) R (0)	10
Met II	SCR2_RAT	P27615	Lysosome membrane protein 2 (CD36)	Scarb2	H (1) M (1) R (1)	34
Met II	SELT_RAT	Q1H5H1	Thioredoxin reductase-like selenoprotein T	Selenot	H (0) R (0)	3
Met I	SEPT2_RAT	Q91Y81	Septin-2	Sept2	H (3) M (3) R (3)	28
Met I	SERA_RAT	O08651	D-3-phosphoglycerate dehydrogenase	Phgdh	H (0) M (1) R (1)	38

Met I	SET_RAT	Q63945	Protein SET	Set	H (0) M (0)	14
Met I; Met II	SFXN1_RAT	Q63965	Sideroflexin-1	Sfxn1	H (3) M (3) R (3)	27
Met II	SGPL1_RAT	Q8CHN6	Sphingosine-1-phosphate lyase 1	Sgpl1	H (1) M (1)	10
Met I; Met II	SNAA_RAT	P54921	Alpha-soluble NSF attachment protein (SNAP-alpha)	Napa	H (0) M (0)	20
Met I; Met II	SND1_RAT	Q66X93	Staphylococcal nuclease domain-containing protein 1	Snd1	H (1) M (1)	23
Met II	SNG1_RAT	Q62876	Synaptogyrin-1	Syngr1	M (1) R (1)	6
Met II	SNG2_RAT	O54980	Synaptogyrin-2	Syngr2	M (0)	2
Met II	SNP23_RAT	O70377	Synaptosomal-associated protein 23 (SNAP-23)	Snap23	H (3) M (3) R (3)	74
Met I	SODC_RAT	P07632	Superoxide dismutase [Cu-Zn]	Sod1	H (0) M (0) R (0)	12
Met II	SPNS1_RAT	Q2YDU8	Protein spinster homolog 1	Spns1	H (0) R (0)	8
Met II	SQSTM_RAT	O08623	Sequestosome-1	Sqstm1	H (3) M (3)	25
Met II	SRPRB_RAT	Q4FZX7	Signal recognition particle receptor beta	Srprb	H (1) M (1)	32
Met I	SRSF2_RAT	Q6PDU1	Serine/arginine-rich splicing factor 2	Srsf2	H (0) M (0)	11
Met II	SSRD_RAT	Q07984	Translocon-associated protein subunit delta	Ssr4	H (1) M (1) R (1)	32
Met II	STIM1_RAT	P84903	Stromal interaction molecule 1 (STIM1)	Stim1	H (0) R (0)	8
Met II	STML2_RAT	Q4FZT0	Stomatin-like protein 2	Stoml2	H (3) M (3) R (3)	63
Met I; Met II	STX12_RAT	G3V7P1	Syntaxin-12	Stx12	H (1) M (1)	38
Met II	STX3_RAT	Q08849	Syntaxin-3	Stx3	H (1) M (1)	7
Met II	STX5_RAT	Q08851	Syntaxin-5	Stx5	H (1) M (1)	5
Met II	STX6_RAT	Q63635	Syntaxin-6	Stx6	H (1) M (1) R (1)	18
Met II	STX7_RAT	O70257	Syntaxin-7	Stx7	H (1) M (1) R (1)	49
Met II	STX8_RAT	Q9Z2Q7	Syntaxin-8	Stx8	H (1) M (1) R (1)	22
Met II	STXB2_RAT	Q62753	Syntaxin-binding protein 2	Stxbp2	H (0) M (0)	24
Met II	STXB5_RAT	Q9WU70	Syntaxin-binding protein 5	Stxbp5	H (0) M (0)	5
Met I	SYAC_RAT	P50475	Alanine--tRNA ligase cytoplasmic	Aars	H (0) M (0)	18
Met I	SYG_RAT	Q5I0G4	Glycine--tRNA ligase	Gars	H (0) M (0)	14
Met I	SYSC_RAT	Q6P799	Serine--tRNA ligase cytoplasmic	Sars	H (0)	1
Met II	SYVC_RAT	Q04462	Valine--tRNA ligase	Vars	H (0) M (0)	8
Met I	SYYC_RAT	Q4KM49	Tyrosine--tRNA ligase cytoplasmic	Yars	H (0) M (0)	7
Met II	T106B_RAT	Q6AYA5	Transmembrane protein 106 B	Tmem106b	H (1) M (1) R (1)	33
Met II	T120A_RAT	Q5HZE2	Transmembrane protein 120 A	Tmem120a	H (1) M (1) R (1)	28
Met I	TAGL2_RAT	Q5XFX0	Transgelin-2	Tagln2	H (3) M (3)	25
Met II	TAP1_RAT	P36370	Antigen peptide transporter 1	Tap1	H (0) M (0)	10
Met II	TAXB1_RAT	Q66HA4	Tax1-binding protein 1 homolog	Tax1bp1	M (0)	6
Met I	TBA1A_RAT	P68370	Tubulin alpha-1A	Tuba1a	H (1) M (1) R (1)	50
Met II	TBA1B_RAT	Q6P9V9	Tubulin alpha-1B	Tuba1b	H (3) M (3) R (3)	60
Met I; Met II	TBA1C_RAT	Q6AYZ1	Tubulin alpha-1C	Tuba1c	H (1) M (1) R (1)	64
Met I; Met II	TBA4A_RAT	Q5XIF6	Tubulin alpha-4A	Tuba4a	M (1) R (1)	18
Met II	TBA8_RAT	Q6AY56	Tubulin alpha-8	Tuba8	H (1)	18
Met I	TBB2A_RAT	P85108	Tubulin beta-2A	Tubb2a	H (3) M (3) R (3)	29
Met I	TBB2B_RAT	Q3KRE8	Tubulin beta-2B	Tubb2b	H (3) M (3) R (3)	21
Met I	TBB3_RAT	Q4QRB4	Tubulin beta-3	Tubb3	H(1) M (1) R (1)	37
Met I; Met II	TBB4B_RAT	Q6P9T8	Tubulin beta-4B	Tubb4b	H (1) M (1) R (3)	69
Met I; Met II	TBB5_RAT	P69897	Tubulin beta-5	Tubb5	M (3) R (3)	34

Met I	TCP4_RAT	Q63396	Activated RNA polymerase II transcriptional coactivator p15	Sub1	H (0) M (0)	12
Met II	TCPB_RAT	Q5XIM9	T-complex protein 1 beta	Cct2	H (1) M (1) R (1)	47
Met II	TCPE_RAT	Q68FQ0	T-complex protein 1 epsilon	Cct5	H (3) M (3) R (3)	37
Met II	TECR_RAT	Q64232	Very-long-chain enoyl-CoA reductase	Tecr	H (1) M (1)	30
Met I; Met II	TERA_RAT	P46462	Transitional endoplasmic reticulum ATPase	Vcp	H (1) M (1) R (1)	55
Met II	TGON3_RAT	P19814	Trans-Golgi network integral membrane protein TGN38	Ttgn1	R (0)	1
Met I	THIO_RAT	P11232	Thioredoxin	Txn	H (1)	14
Met I; Met II	THY1_RAT	P01830	Thy-1 membrane glycoprotein	Thy1	H (3) M (3) R (3)	36
Met I; Met II	TKT_RAT	P50137	Transketolase	Tkt	H (1) M (1)	24
Met II	TM109_RAT	Q6AYQ4	Transmembrane protein 109	Tmem109	H (0) M (0)	13
Met I; Met II	TM165_RAT	Q4V899	Transmembrane protein 165	Tmem165	H (0) M (0)	5
Met II	TM168_RAT	Q5PQM0	Transmembrane protein 168	Tmem168	H (0) M (0)	2
Met II	TM38B_RAT	Q68FV1	Trimeric intracellular cation channel type B (TRIC-B)	Tmem38b	H (0) M (0)	4
Met II	TM55A_RAT	Q4V888	Type 2 phosphatidylinositol 4,5-bisphosphate 4-phosphatase	Pip4p2	H (1) M (1) R (1)	20
Met II	TM9S1_RAT	Q66HF2	Transmembrane 9 superfamily member 1	Tm9sf1	H (0)	8
Met II	TM9S2_RAT	Q66HG5	Transmembrane 9 superfamily member 2	Tm9sf2	H (1) M (1) R (1)	19
Met II	TM9S4_RAT	Q4KLL4	Transmembrane 9 superfamily member 4	Tm9sf4	H (1) M (1) R (1)	37
Met II	TMCO1_RAT	Q5I0H4	Calcium load-activated calcium channel (CLAC channel)	Tmco1	H (1) M (1) R (1)	17
Met II	TMED1_RAT	Q5BK85	Transmembrane emp24 domain-containing protein 1	Tmed1	H (1)	6
Met II	TMED2_RAT	Q63524	Transmembrane emp24 domain-containing protein 2	Tmed2	R (1)	5
Met II	TMED5_RAT	Q6AXN3	Transmembrane emp24 domain-containing protein 5	Tmed5	H (1) M (1)	7
Met I; Met II	TMED7_RAT	D3ZTX0	Transmembrane emp24 domain-containing protein 7	Tmed7	H (1) M (1)	15
Met I; Met II	TMED9_RAT	Q5I0E7	Transmembrane emp24 domain-containing protein 9	Tmed9	H (1)	14
Met I; Met II	TMEDA_RAT	Q63584	Transmembrane emp24 domain-containing protein 10	Tmed10	H (1) M (1) R (1)	55
Met II	TMM43_RAT	Q5XIP9	Transmembrane protein 43 (Protein LUMA)	Tmem43	H (3) M (3) R (3)	53
Met II	TMX2_RAT	Q5XIK2	Thioredoxin-related transmembrane protein 2	Tmx2	H (1) R (1)	11
Met II	TOIP1_RAT	Q5PQX1	Torsin-1A-interacting protein 1	Tor1aip1	H (1) M (1)	17
Met II	TOM22_RAT	Q75Q41	Mitochondrial import receptor subunit TOM22 homolog	Tomm22	H (1) M (1) R (1)	29
Met I	TPIS_RAT	P48500	Triosephosphate isomerase	Tpi1	H (1) M (1) R (1)	38
Met I; Met II	TPM3_RAT	Q63610	Tropomyosin alpha-3	Tpm3	H (1) M (1)	33
Met I; Met II	TPM4_RAT	P09495	Tropomyosin alpha-4	Tpm4	H (1) M (1)	33
Met II	TRAM1_RAT	Q5XI41	Translocating chain-associated membrane protein 1	Tram1	H (0)	2
Met I; Met II	TRPV2_RAT	Q9WUD2	Transient receptor potential cation channel subfamily V member 2 (TRPV2)	Trpv2	H (0) M (0)	19
Met I	TSH3_RAT	D3ZKB9	Teashirt homolog 3	Tshz3	H (0)	1
Met I	TXNL1_RAT	Q920J4	Thioredoxin-like protein 1	Txn1	H (0) M (0)	6
Met II	TXTP_RAT	P32089	Citrate transport protein	Slc25a1	H (1) M (1) R (1)	31
Met I	TYB4_RAT	P62329	Thymosin beta-4	Tmsb4x	H (0) M (0) R (0)	4
Met I	UBA1_RAT	Q5U300	Ubiquitin-like modifier-activating enzyme 1	Uba1	H (1) M (1) R (1)	28
Met I	UBE2N_RAT	Q9EQX9	Ubiquitin-conjugating enzyme E2 N	Ube2n	H (1) M (1)	9
Met II	UBXN4_RAT	Q5HZY0	Erasin	Ubxn4	H (1)	3
Met II	UCRI_RAT	P20788	Cytochrome b-c1 complex subunit Rieske	Uqcrrf1	H (1) M (1) R (1)	48
Met II	UFL1_RAT	B2GV24	E3 UFM1-protein ligase 1	Ufl1	H (0) M (0)	10
Met I; Met II	VAMP3_RAT	P63025	VAMP3	Vamp3	H (1) M (1) R (1)	36
Met II	VAMP5_RAT	Q9Z2J5	VAMP5	Vamp5	H (1) M (1) R (1)	11

Met II	VAMP7_RAT	Q9JHW5	VAMP7	Vamp7	H (1) M (1)	17
Met II	VAPA_RAT	Q9Z270	VAMP-associated protein A	Vapa	H (1) M (1) R (1)	57
Met II	VAPB_RAT	Q9Z269	VAMP-associated protein B	Vapb	M (1) R (1)	10
Met I	VAT1_RAT	Q3MIE4	Synaptic vesicle membrane protein VAT-1 homolog	Vat1	H (1) M (1)	26
Met I; Met II	VATB2_RAT	P62815	V-type proton ATPase subunit B	Atp6v1b2	H (3) M (3)	71
Met II	VATE1_RAT	Q6PCU2	V-type proton ATPase subunit E 1	Atp6v1e1	M (3)	25
Met II	VATF_RAT	P50408	V-type proton ATPase subunit F	Atp6v1f	H (0) M (0) R (0)	35
Met I; Met II	VDAC1_RAT	Q9Z2L0	Voltage-dependent anion-selective channel protein 1	Vdac1	H (3) M (3) R (3)	97
Met I; Met II	VDAC2_RAT	P81155	Voltage-dependent anion-selective channel protein 2	Vdac2	H (3) M (3) R (1)	90
Met II	VDAC3_RAT	Q9R1Z0	Voltage-dependent anion-selective channel protein 3	Vdac3	H (1) M (1) R (1)	63
Met I	VIME_RAT	P31000	Vimentin	Vim	H (3) M (3) R (3)	81
Met II	VKOR1_RAT	Q6TEK4	Vitamin K epoxide reductase complex subunit 1	Vkorc1	H (0) M (0)	3
Met II	VMAT2_RAT	Q01827	Vesicular amine transporter 2	Slc18a2	H (0)	1
Met II	VMP1_RAT	Q91ZQ0	Vacuole membrane protein 1	Vmp1	M (0)	1
Met I; Met II	VWA5A_RAT	Q75WE7	Von Willebrand factor A domain-containing protein 5A	Vwa5a	M (0)	1
Met I	YBOX3_RAT	Q62764	Y-box-binding protein 3	Ybx3	H (1) M (0)	19
Met II	YES_RAT	F1LM93	Tyrosine-protein kinase Yes	Yes1	H (1) M (1)	48
Met II	YIF1B_RAT	Q6PEC3	Protein YIF1B	Yif1b	H (0) M (0) R (0)	5
Met II	YIPF4_RAT	Q5M7T4	Protein YIPF4	Yipf4	H (1) M (1) R (1)	8
Met II	YIPF5_RAT	Q5XID0	Protein YIPF5	Yipf5	H (0)	10
Met I; Met II	YME1L1_RAT	Q925S8	ATP-dependent zinc metalloprotease YME1L1	Yme1l1	H (1) M (0)	11
Met II	ZNT1_RAT	Q62720	Zinc transporter 1	Slc30a1	H (0) M (0) R (0)	14
Met II	ZW10_RAT	Q4V8C2	Centromere/kinetochore protein zw10 homolog	Zw10	H (0) R (0)	4

Header line description of worksheet "RafProtV2 Analysis"	
Method	Protein identification by which Method
Protein ID	Protein identification of UniProt
Protein accession	Protein accession number of UniProt
Protein description	Protein functional description
Gene name	Indicates the name of the gene that code for the protein sequence
Experimental evidence	0 - indicates that the protein has only been reported using a single biochemical extraction method and has not been reported to be sensitive to at least two raft perturbation techniques; 1 - denotes identification by more than one biochemical extraction method; 2 - denote sensitivity to more than one raft perturbation technique; 3 - denote compliance with both criteria. H - Human; M - Mouse; R - Rat.
Number of citation	In how many studies the raft protein has been already described