

Supplementary Table 4. Mast cell lipid raft proteins absent from RafProtV2 database

Method	Protein ID	Protein accession	Protein description	Gene name
Met II	AL5AP_RAT	P20291	Arachidonate 5-lipoxygenase-activating protein	Alox5ap
Met I	ASNS_RAT	P49088	Glutamine-dependent asparagine synthetase	Asns
Met II	B1WC50_RAT	B1WC50	RNA-binding protein EWS-like	Ewsr1
Met II	B4GN1_RAT	Q10468	Beta-1,4 N-acetylgalactosaminyltransferase 1	B4galnt1
Met I	B5DEN5_RAT	B5DEN5	Eukaryotic translation elongation factor 1 beta 2	Eef1b2
Met II	B5DEZ3_RAT	B5DEZ3	Coiled-coil domain containing 126	Ccdc126
Met II	B5DFJ2_RAT	B5DFJ2	Protein FAM3A	Fam3a
Met II	C1GLC_RAT	Q499P3	C1GALT1-specific chaperone 1	C1galt1c1
Met II	CAH8_RAT	Q5PPN4	Carbonic anhydrase-related protein	Ca8
Met II	CBPA3_RAT	P21961	Mast cell carboxypeptidase A	Cpa3
Met II	CHPT1_RAT	Q66H21	Cholinephosphotransferase 1	Chpt1
Met II	CL2DB_RAT	Q0H8B9	C-type lectin domain family 2 member D11	Clec2d11
Met II	CMA1_RAT	P50339	Chymase 1	Cma1
Met I	CNBP_RAT	P62634	Cellular nucleic acid-binding protein	Cnbp
Met II	COPD_RAT	Q66H80	Coatomer subunit delta	Arcn1
Met II	D3ZF97_RAT	D3ZF97	Endoplasmic reticulum lectin 1	Erlec1
Met II	D3ZGV2_RAT	D3ZGV2	Peroxisomal membrane protein PEX16	Pex16
Met II	D3ZMM8_RAT	D3ZMM8	Solute carrier family 7 member 6	Slc7a6
Met I	D3ZNQ6_RAT	D3ZNQ6	NEDD8-conjugating enzyme Ubc12	Ube2m
Met II	D3ZNS8_RAT	D3ZNS8	Aladin	Aaas
Met II	D3ZQG9_RAT	D3ZQG9	RT1 class I locus CE4	RT1-CE4
Met II	D3ZSY5_RAT	D3ZSY5	keratin 84	Krt84
Met II	D3ZU83_RAT	D3ZU83	Endoplasmic reticulum-Golgi intermediate compartment 3	Ergic3
Met II	D3ZUQ7_RAT	D3ZUQ7	Pantothenate kinase 3	Pank3
Met II	D3ZWZ1_RAT	D3ZWZ1	Integrin alpha X	Itgax
Met II	D3ZYM4_RAT	D3ZYM4	Macrophage stimulating 1 receptor	Mst1r
Met I	D4A3S8_RAT	D4A3S8	NOL1/NOP2/Sun domain family member 2	Nsun2
Met II	D4A533_RAT	D4A533	Transmembrane anterior posterior transformation protein 1	Tapt1
Met I	D4A6A2_RAT	D4A6A2	Heterogeneous nuclear ribonucleoprotein A3-like	LOC100911361
Met I	D4A720_RAT	D4A720	Serine/arginine-rich splicing factor 7 isoform 2	Srsf7
Met I	D4A7U6_RAT	D4A7U6	U6 snRNA-associated Sm-like protein LSm3	Lsm3
Met I; Met II	D4A9X7_RAT	D4A9X7	Hypermethylated in cancer 2 protein	Hic2

Met I	D4ADD7_RAT	D4ADD7	Glutaredoxin 5	Glr5
Met I	DOPD_RAT	P80254	D-dopachrome decarboxylase	Ddt
Met II	E2AK3_RAT	Q9Z1Z1	Eukaryotic translation initiation factor 2-alpha kinase 3	Eif2ak3
Met II	E9PT10_RAT	Q861Q1	MHC class I antigen	RT1-CE4
Met II	E9PU77_RAT	E9PU77	Synaptotagmin-like protein 3	Syt13
Met I	E9PU78_RAT	E9PU78	Isoform Bcl-X(S) of Bcl-2-like protein 1	---
Met I	F1LM33_RAT	F1LM33	Leucine-rich PPR motif-containing protein mitochondrial isoform	Lrpprc
Met II	F1LMK0_RAT	F1LMK0	A-kinase anchoring protein 1 isoform 2	Akap1
Met II	F1LRV9_RAT	F1LRV9	Myosin heavy chain 1	Myh1
Met II	F1LT70_RAT	F1LT70	Pantothenate kinase 2	Pank2
Met II	F1M8F6_RAT	F1M8F6	Myosin heavy chain 8	Myh8
Met II	F1MAS0_RAT	F1MAS0	keratin 32	Krt32
Met II	F6T9E7_RAT	F6T9E7	P-selectin glycoprotein ligand 1	Selplg
Met II	F7EP67_RAT	Q6IN10	Endothelin-converting enzyme 1 Isoform	Ece1
Met I	F7FP91_RAT	Q95II0	MHC class Ib antigen	RT1-CE5
Met II	FADS2_RAT	Q9Z122	Acyl-CoA 6-desaturase	Fads2
Met I; Met II	FCERB_RAT	P13386	High affinity immunoglobulin epsilon receptor subunit beta	Ms4a2
Met II	FGOP2_RAT	Q6TA25	FGFR1 oncogene partner 2 homolog	Fgfr1op2
Met II	G3V608_RAT	G3V608	Interleukin-3 receptor subunit beta	Csf2rb
Met II	G3V637_RAT	G3V637	Syntaxin-binding protein 2, isoform	Stxbp2
Met II	G3V6E1_RAT	G3V6E1	Myosin heavy chain 2	Myh2
Met I	G3V6G5_RAT	G3V6G5	F-box-like/WD repeat-containing protein TBL1X	Tbl1x
Met II	G3V712_RAT	G3V712	keratin 7	Krt7
Met II	G3V7A5_RAT	G3V7A5	Low density lipoprotein receptor isoform	Ldlr
Met II	G3V7L8_RAT	G3V7L8	V-type proton ATPase subunit E 1 isoform	Atp6v1e1
Met II	G3V7M2_RAT	G3V7M2	Integrin beta 7	Itgb7
Met II	G3V8I4_RAT	G3V8I4	Syntaxin-4A	Stx4
Met I; Met II	G3V908_RAT	G3V908	keratin, type II Kb15	Kb15
Met I; Met II	G3V936_RAT	G3V936	Citrate synthase	Cs
Met I	G3V993_RAT	G3V993	SAM domain, SH3 domain and nuclear localization signals, 1 (SAMNS1)	Samsn1
Met I	HMCS1_RAT	P17425	Hydroxymethylglutaryl-CoA synthase cytoplasmic	Hmgcs1
Met II	HRG1_RAT	B0BNL4	Heme transporter HRG1	Slc48a1
Met I	ICK_RAT	Q62726	Serine/threonine-protein kinase ICK	Ick
Met II	IRK2_RAT	Q64273	Inward rectifier potassium channel 2	Kcnj2
Met II	ITAD_RAT	Q9QYE7	Integrin alpha D	Itgad
Met I	M0R866_RAT	M0R866	Uncharacterized protein	---
Met II	M0RCA3_RAT	M0RCA3	Zinc finger protein-like 1	Zfp11

Met I	M0RDJ4_RAT	M0RDJ4	Glia maturation factor beta	Gmfb
Met II	NCUG1_RAT	Q68FV6	Glycosylated lysosomal membrane protein	Glmp
Met II	NDUF5_RAT	B2GV71	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 5	Ndufaf5
Met I	NQO1_RAT	P05982	NAD(P)H dehydrogenase [quinone] 1	Nqo1
Met II	PCAT2_RAT	P0C1Q3	Lysophosphatidylcholine acyltransferase 2	Lpcat2
Met II	PDE3B_RAT	Q63085	Cyclic GMP-inhibited phosphodiesterase B	Pde3b
Met II	PHOCN_RAT	Q9QYW3	MOB-like protein phocein	Mob4
Met II	PORED_RAT	Q5RJM1	3-oxo-5-alpha-steroid 4-dehydrogenase 3	Srd5a3
Met I	Q4G002_RAT	Q4G002	Histocompatibility 2 T region locus 24	RT1-T24-4
Met II	Q5FVC4_RAT	Q5FVC4	DnaJ (Hsp40) homolog subfamily B member 12	Dnajb12
Met II	Q5RK10_RAT	Q5RK10	60S ribosomal protein L13a, isoform	Rpl13a
Met I; Met II	Q63116_RAT	Q63116	Mast/stem cell growth factor receptor	Kit
Met II	Q63483_RAT	Q63483	Ras-related protein Rab-38	Rab38
Met II	Q642E3_RAT	Q642E3	CDK5 regulatory subunit-associated protein 3, isoform	Cdk5rap3
Met I	Q7TP15_RAT	Q7TP15	S-methyl-5'-thioadenosine phosphorylase	Mtap
Met II	Q7TQ86_RAT	Q7TQ86	Ac1158	Rsl1d1
Met I	R9PXU4_RAT	R9PXU4	Thioredoxin reductase 1 cytoplasmic	Txnrd1
Met II	RAB43_RAT	Q53B90	Ras-related protein Rab-43	Rab43
Met II	SIA4C_RAT	P61131	Beta-galactoside alpha-2,3-sialyltransferase 4	St3gal4
Met II	SO4A1_RAT	Q99N01	Organic anion-transporting polypeptide E	Slco4a1
Met II	STRN3_RAT	P58405	Striatin-3	Strn3
Met II	TM7S3_RAT	Q5FVF4	Transmembrane 7 superfamily member 3	Tm7sf3
Met I; Met II	TRY1_RAT	P00762	Anionic trypsin-1	Prss1
Met II	VEZA_RAT	Q5XI52	Vezatin	Vezt
Met II	VGFR2_RAT	O08775	Vascular endothelial growth factor receptor 2	Kdr

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