

Division	Category	Gene Symbol	Gene Name	Intensity-based absolute quantification (iBAQ)		
				UBM Lot 1	UBM Lot 2	UBM Lot 3
Core matrixsome	Collagens	COL1A1	collagen, type I, alpha 1	2391790000	2237640000	2328650000
Core matrixsome	Collagens	COL3A1	collagen, type III, alpha 1	1416000000	1448600000	13937000000
Core matrixsome	Collagens	COL1A2	collagen, type I, alpha 2	9774400000	9711600000	9697600000
Core matrixsome	Collagens	COL4A2	collagen, type IV, alpha 2	6135200000	6507300000	6461900000
Core matrixsome	Collagens	COL6A2	collagen, type VI, alpha 2	2199400000	2370400000	2102100000
Core matrixsome	Collagens	COL6A3	collagen, type VI, alpha 3	1974500000	1947900000	1868200000
Core matrixsome	Proteoglycans	DCN	decorin	1585000000	1954400000	1323800000
Core matrixsome	Collagens	COL14A1	collagen, type XIV, alpha 1	133414000	145773400	130917600
Core matrixsome	Proteoglycans	LUM	lumican	1264400000	1134600000	1074700000
Core matrixsome	Collagens	COL5A2	collagen, type V, alpha 2	1002700000	950610000	1082600000
Core matrixsome	Collagens	COL6A1	collagen, type VI, alpha 1	863970000	806880000	875620000
Core matrixsome	ECM Glycoproteins	DPT	dermatopontin	615200000	636140000	607250000
Core matrixsome	ECM Glycoproteins	MFP2	microfibrillar-associated protein	541170000	636780000	614090000
Core matrixsome	Proteoglycans	PRELP	proline/arginine-rich end leucine-rich repeat prote	522630000	574560000	566630000
Core matrixsome	ECM Glycoproteins	TGFB1	transforming growth factor, beta-induced, 68kD	287427000	274829000	262947000
Core matrixsome	Collagens	COL5A1	collagen, type V, alpha 1	438900000	424660000	375700000
Core matrixsome	Collagens	COL5A3	collagen, type V, alpha 3	416740000	606570000	554120000
Core matrixsome	Proteoglycans	BGN	biglycan	397690000	591640000	375190000
Core matrixsome	ECM Glycoproteins	FBG	fibrinogen beta chain	395310000	328210000	307710000
Core matrixsome	ECM Glycoproteins	FGG	fibrinogen gamma chain	328020000	306950000	286410000
Core matrixsome	ECM Glycoproteins	FGA	fibrinogen alpha chain	287427000	274829000	262947000
Core matrixsome	ECM Glycoproteins	FN1	fibronectin 1	277420000	245770000	205270000
Core matrixsome	Proteoglycans	HSPG2	heparan sulfate proteoglycan	260520000	255400000	214790000
Core matrixsome	ECM Glycoproteins	ELN	elastin	242714000	196395000	143452000
Core matrixsome	ECM Glycoproteins	FBLN5	fibulin 5	217050000	164530000	125420000
Core matrixsome	Collagens	COL4A1	collagen, type IV, alpha 1	171380000	120320000	911260000
Core matrixsome	ECM Glycoproteins	TGFB1	transforming growth factor, beta-induced, 68kD	169780000	140560000	147590000
Core matrixsome	ECM Glycoproteins	EMILIN1	elastin microfibril interfacer	152610000	163880000	182650000
Core matrixsome	ECM Glycoproteins	POSTN	periostin, osteoblast specific factor	125000000	172830000	146250000
Core matrixsome	ECM Glycoproteins	FBLN1	fibulin 1	103625000	95578000	91747000
Core matrixsome	Proteoglycans	HAPLN1	hyaluronan and proteoglycan link protein	95517000	181960000	150690000
Core matrixsome	Proteoglycans	FMOD	fibromodulin	9161000	104940000	39132000
Core matrixsome	Collagens	COL6A5	collagen, type XXIX, alpha 1	8848500	119480000	125270000
Core matrixsome	Collagens	COL18A1	collagen, type XVIII, alpha 1	3028000	63755000	10767000
Core matrixsome	Collagens	COL11A2	collagen, type XI, alpha 2	2840300	33277000	64385000
Core matrixsome	ECM Glycoproteins	EFEMP1	EGF-containing fibulin-like extracellular matrix protein	2634900	2142800	2020900
Core matrixsome	Collagens	COL4A5	collagen, type IV, alpha 5	2503900	1494900	2458300
Core matrixsome	ECM Glycoproteins	ECM1	extracellular matrix protein	2280700	1679500	8689500
Core matrixsome	ECM Glycoproteins	LAMB2	laminin, beta 2 (laminin S)	2113800	3008000	1766300
Core matrixsome	ECM Glycoproteins	VTN	vitronectin	1789600	0	3942200
Core matrixsome	ECM Glycoproteins	LAMA4	laminin, alpha 4	1749900	1326600	944180
Core matrixsome	Collagens	COL8A1	collagen, type VIII, alpha 1	1558900	261970	435010
Core matrixsome	ECM Glycoproteins	NID2	nidogen 2 (osteonidogen)	1195600	1235100	789720
Core matrixsome	ECM Glycoproteins	NID1	nidogen 1	938510	2586100	660180
Core matrixsome	Collagens	COL4A6	collagen, type IV, alpha 6	676620	418940	276320
Core matrixsome	ECM Glycoproteins	AEBP1	AE binding protein 1	656480	0	834220
Core matrixsome	Collagens	COL12A1	collagen, type XII, alpha 1	563730	1532800	823520
Core matrixsome	ECM Glycoproteins	VWA1	von Willebrand factor A domain containing	554840	544980	168600
Core matrixsome	ECM Glycoproteins	SRPX	sushi-repeat-containing protein, X-link	492310	493570	740680
Core matrixsome	Collagens	COL9A1	collagen, type IX, alpha 1	407680	0	0
Core matrixsome	Collagens	COL21A1	collagen, type XXI, alpha 1	333690	304950	0
Core matrixsome	Collagens	COL15A1	collagen, type XV, alpha 1	289340	244850	0
Core matrixsome	Collagens	COL7A1	collagen, type VII, alpha 1	234710	229370	269550
Core matrixsome	Proteoglycans	HAPLN3	hyaluronan and proteoglycan link protein	180660	842310	507670
Core matrixsome	ECM Glycoproteins	VWF	von Willebrand factor	41835	38275	100980
Core matrixsome	ECM Glycoproteins	EFEMP2	EGF-containing fibulin-like extracellular matrix protein	0	141890	98383
Core matrixsome	ECM Glycoproteins	LAMB1	laminin, beta 1	0	104890	0
Core matrixsome	Proteoglycans	VCAN	versican	0	243270	289620
Matrixsome-associatec	ECM Regulators	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-g	181150000	198050000	179510000
Matrixsome-associatec	ECM-affiliated Proteins	ANXA2	annexin A2	85688000	71799000	77386000
Matrixsome-associatec	ECM Regulators	SERPINH1	serpin peptidase inhibitor, clade H (heat shock protein-4	48190000	58407000	46865000
Matrixsome-associatec	ECM-affiliated Proteins	LGALS1	lectin, galactoside-binding, soluble, 1	43699000	25088000	21917000
Matrixsome-associatec	ECM-affiliated Proteins	ANXA6	annexin A6	31896000	31083000	27295000
Matrixsome-associatec	ECM-affiliated Proteins	ANXA5	annexin A5	29478000	28307000	27323000
Matrixsome-associatec	ECM-affiliated Proteins	LGALS3	lectin, galactoside-binding, soluble, 3	29443000	20174000	16216000
Matrixsome-associatec	ECM Regulators	HRG	histidine-rich glycoprotein	19650000	17568000	15007000
Matrixsome-associatec	ECM-affiliated Proteins	ANXA1	annexin A1	15903000	16825000	13013000
Matrixsome-associatec	Secreted Factors	S100A10	S100 calcium binding protein A1c	10087000	4271800	5884200
Matrixsome-associatec	ECM Regulators	PLG	plasminogen	5026480	3054000	3606900
Matrixsome-associatec	ECM-affiliated Proteins	CELC3B	C-type lectin domain family 3, member 3	2017900	5556000	3462900
Matrixsome-associatec	ECM-affiliated Proteins	ANXA11	annexin A11	1917100	2222900	833870
Matrixsome-associatec	Secreted Factors	S100A16	S100 calcium binding protein A1f	1487400	2185300	823380
Matrixsome-associatec	ECM Regulators	ITIH2	inter-alpha (globulin) inhibitor H2	941630	618420	399370
Matrixsome-associatec	ECM Regulators	ITIH1	inter-alpha (globulin) inhibitor H1	857120	207060	694950
Matrixsome-associatec	ECM Regulators	ITIH4	inter-alpha (globulin) inhibitor H4 (plasma Kallikrein-sen	581200	1076500	645610
Matrixsome-associatec	ECM Regulators	P4HA1	prolyl 4-hydroxylase, alpha polypeptide	544600	0	553520
Matrixsome-associatec	ECM Regulators	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), mem	458940	284950	137160
Matrixsome-associatec	ECM-affiliated Proteins	ANXA7	annexin A7	441480	0	0
Matrixsome-associatec	ECM-affiliated Proteins	ANXA4	annexin A4	187060	0	0
Matrixsome-associatec	ECM Regulators	SERPINF1	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin,	156150	402780	241140
Matrixsome-associatec	ECM-affiliated Proteins	C1QTNF5	C1q and tumor necrosis factor related protein 5	0	856620	1618500
Non-Matrixsome	Non-Matrixsome	ACTC1	actin, cytoplasmic, thymosin beta 4-binding	4319700000	3475300000	3015400000
Non-Matrixsome	Non-Matrixsome	DES	desmin	1737600000	1279800000	1130200000
Non-Matrixsome	Non-Matrixsome	HIST1H2AF	histone H2A family class 2F, variant F	788020000	677190000	678970000
Non-Matrixsome	Non-Matrixsome	HBA1	histone H1 family class B, member A1	707310000	1037300000	706010000
Non-Matrixsome	Non-Matrixsome	ACTG1	actin, gamma 1	7035000000	6532400000	6002600000
Non-Matrixsome	Non-Matrixsome	LOC102161782	LOC102161782	657710000	572070000	517980000
Non-Matrixsome	Non-Matrixsome	MYH11	myosin heavy chain 11	6237900000	5723200000	4725400000
Non-Matrixsome	Non-Matrixsome	HBB	hemoglobin subunit beta	4633700000	6124300000	4382300000
Non-Matrixsome	Non-Matrixsome	TAGLN	tropomyosin 1	4451200000	3321400000	3480700000
Non-Matrixsome	Non-Matrixsome	MYL6	myosin light chain 6	3507100000	2901300000	2970300000
Non-Matrixsome	Non-Matrixsome	MYL9	myosin light chain 9	3495800000	2084400000	1562600000
Non-Matrixsome	Non-Matrixsome	HIST1H1C	histone H1 family class 1, member 1C	278298000	261724000	254918000
Non-Matrixsome	Non-Matrixsome	VIM	vimentin	2118600000	1530000000	1457100000
Non-Matrixsome	Non-Matrixsome	TPM2	tropomyosin 2	1926000000	1705100000	1425200000
Non-Matrixsome	Non-Matrixsome	CANV1	canonin A	1778200000	1479400000	1475500000
Non-Matrixsome	Non-Matrixsome	CNN1	connexin 36	1433500000	858580000	677770000
Non-Matrixsome	Non-Matrixsome	ACTN1	actin, thymosin beta 4-binding	1301400000	868160000	867400000
Non-Matrixsome	Non-Matrixsome	HSP27	heat shock protein 27	1268900000	1112700000	946340000
Non-Matrixsome	Non-Matrixsome	TPM1	tropomyosin 1	1254100000	964340000	775030000
Non-Matrixsome	Non-Matrixsome	TMSB4X	tropomyosin beta chain 4	1163900000	1121900000	804860000
Non-Matrixsome	Non-Matrixsome	IGLL5	immunoglobulin light chain 5	1144600000	1441400000	961270000
Non-Matrixsome	Non-Matrixsome	FLNA	follin 1	1123200000	573580000	614920000
Non-Matrixsome	Non-Matrixsome	HSPB6	heat shock protein beta 6	1100900000	612960000	600410000
Non-Matrixsome	Non-Matrixsome	TUBA1B	tubulin alpha 1B	1079000000	954190000	897900000
Non-Matrixsome	Non-Matrixsome	TUBB2A	tubulin beta 2A	966390000	960070000	773690000
Non-Matrixsome	Non-Matrixsome	CSRP1	connective tissue repressin 1	863930000	822830000	305500000
Non-Matrixsome	Non-Matrixsome	CAV1	caveolin 1	807390000	636360000	418410000
Non-Matrixsome	Non-Matrixsome	IRF9	interferon regulatory factor 9	712850000	590560000	715800000
Non-Matrixsome	Non-Matrixsome	FHL1C	follin-like 1C	706910000	535540000	436690000
Non-Matrixsome	Non-Matrixsome	YWHAZ	yeast whey acidic protein	699550000	803900000	650680000
Non-Matrixsome	Non-Matrixsome	EEF1A1	eukaryotic elongation factor 1A1	641410000	559700000	470670000
Non-Matrixsome	Non-Matrixsome	MYLK	myosin light chain kinase	63237470	47001000	38208000
Non-Matrixsome	Non-Matrixsome	MYH10	myosin heavy chain 10	564977000	401800000	360590000
Non-Matrixsome	Non-Matrixsome	CKB	creatine kinase B	556170000	450340000	380770000
Non-Matrixsome	Non-Matrixsome	CALM1	calmodulin 1	515880000	472270000	473800000
Non-Matrixsome	Non-Matrixsome	HSP90AA1	heat shock protein 90 alpha class A1	498260000	382470000	346420000
Non-Matrixsome	Non-Matrixsome	MYH9	myosin heavy chain 9	497420000	426690000	424060000
Non-Matrixsome	Non-Matrixsome	YWHAE	yeast whey acidic protein E	458730000	332190000	346550000
Non-Matrixsome	Non-Matrixsome	PKM	pyruvate kinase, muscle	45564710	39764940	36976000
Non-Matrixsome	Non-Matrixsome	FLNC	follin-like 1C	417570000	295550000	275390000
Non-Matrixsome	Non-Matrixsome	YWHAB	yeast whey acidic protein B	410470000	325420000	242540000
Non-Matrixsome	Non-Matrixsome	PGM5	phosphoglycerate mutase 5	388160000	285170000	262770000
Non-Matrixsome	Non-Matrixsome	H1FO	histone H1 family class 1, member FO	378880000	331760000	132890000
Non-Matrixsome	Non-Matrixsome	ALB	albumin	337290000	275980000	223770000
Non-Matrixsome	Non-Matrixsome	RPL18	ribosomal protein L18	320150000	260300000	423060000
Non-Matrixsome	Non-Matrixsome	LOC1010515934	LOC1010515934	289800000	251060000	204060000
Non-Matrixsome	Non-Matrixsome	ACTA2	actin, thymosin beta 4-binding	281150000	175770000	118360000
Non-Matrixsome	Non-Matrixsome	HIST1H1D	histone H1 family class 1, member 1D	270750000	239270000	224590000
Non-Matrixsome	Non-Matrixsome	IGHG	immunoglobulin heavy chain gamma	267930000	420920000	221590000
Non-Matrixsome	Non-Matrixsome	ACTG2	actin, gamma 2	259220000	100080000	138400000
Non-Matrixsome	Non-Matrixsome	COFILIN	cofilin	256620000	147150000	182370000
Non-Matrixsome	Non-Matrixsome					

Non-Matrisome	Non-Matrisome	UBA52	23612000	31270000	22391000
Non-Matrisome	Non-Matrisome	HMG1	23607000	16240000	18854000
Non-Matrisome	Non-Matrisome	CALD1	22980000	17630000	15558000
Non-Matrisome	Non-Matrisome	YCL	21588000	15449000	17474000
Non-Matrisome	Non-Matrisome	PRDX1	21407000	12103000	15125000
Non-Matrisome	Non-Matrisome	THY1	19265000	24598000	17440000
Non-Matrisome	Non-Matrisome	PDLIM7	19106000	19303000	12003000
Non-Matrisome	Non-Matrisome	H2AFZ	19011000	8492900	4874300
Non-Matrisome	Non-Matrisome	PF1B	18813600	11217800	19385400
Non-Matrisome	Non-Matrisome	LOC100739030	18348000	16752000	9568000
Non-Matrisome	Non-Matrisome	TUBB4B	17899000	16015000	13296000
Non-Matrisome	Non-Matrisome	LOC100825477	17743000	26882000	24604000
Non-Matrisome	Non-Matrisome	YWHAQ	17305000	13581000	11248000
Non-Matrisome	Non-Matrisome	YWHAH	17089000	17765000	19560000
Non-Matrisome	Non-Matrisome	LOC100524254	16809000	14034000	10766000
Non-Matrisome	Non-Matrisome	HSP70.2	15943000	9450800	10225000
Non-Matrisome	Non-Matrisome	EHD2	15763000	15250000	10445000
Non-Matrisome	Non-Matrisome	RPS18	15560000	26872000	16557000
Non-Matrisome	Non-Matrisome	KRT19	15461000	11258000	22870000
Non-Matrisome	Non-Matrisome	DYNLL1	15136000	17411000	25895000
Non-Matrisome	Non-Matrisome	PFN1	14412000	17579000	10335000
Non-Matrisome	Non-Matrisome	SYNM	14183000	8502400	6138800
Non-Matrisome	Non-Matrisome	RAP1A	13840000	7395800	7615500
Non-Matrisome	Non-Matrisome	PRR12	13802000	20659000	18833000
Non-Matrisome	Non-Matrisome	ACTN4	13277000	9667200	8986600
Non-Matrisome	Non-Matrisome	RPS25	13264000	11055000	11037000
Non-Matrisome	Non-Matrisome	APOA1	13116000	11844000	11318000
Non-Matrisome	Non-Matrisome	LOC100823805	12947000	19779000	8820100
Non-Matrisome	Non-Matrisome	HSP90B1	12911000	10433000	12631000
Non-Matrisome	Non-Matrisome	LOC100514326	12417000	8167600	7448900
Non-Matrisome	Non-Matrisome	ILK	12289000	5677500	6480600
Non-Matrisome	Non-Matrisome	RPL6	12255000	18143000	11099000
Non-Matrisome	Non-Matrisome	ATPSA1	12147000	11900000	9144100
Non-Matrisome	Non-Matrisome	RPSA	12020000	12100000	11860000
Non-Matrisome	Non-Matrisome	TLN1	12003000	8886300	8523300
Non-Matrisome	Non-Matrisome	LOC100525692	11680000	11158000	8944900
Non-Matrisome	Non-Matrisome	ITGB1	11574000	11750000	9887900
Non-Matrisome	Non-Matrisome	HBP15/L22	11504000	13083000	11661000
Non-Matrisome	Non-Matrisome	LOC100158003	11369000	9523500	8252300
Non-Matrisome	Non-Matrisome	LOC733637	11148000	9912300	8038100
Non-Matrisome	Non-Matrisome	YWHAH	10604000	12474000	11813000
Non-Matrisome	Non-Matrisome	HSP70	10474000	10079000	8659700
Non-Matrisome	Non-Matrisome	LOC100738909	10201000	4217600	4672200
Non-Matrisome	Non-Matrisome	RPL31	10181000	12324000	11691000
Non-Matrisome	Non-Matrisome	SMTN	10118000	7172200	4339700
Non-Matrisome	Non-Matrisome	CRYAB	10035000	12717000	8611000
Non-Matrisome	Non-Matrisome	LOC12084	10012000	9402200	9847300
Non-Matrisome	Non-Matrisome	EIF5A	9857400	6124800	7447000
Non-Matrisome	Non-Matrisome	ATP5B	9849200	8175000	8311700
Non-Matrisome	Non-Matrisome	LOC100513063	9811900	11934000	9318500
Non-Matrisome	Non-Matrisome	SET	9800000	9806000	7139200
Non-Matrisome	Non-Matrisome	RTN4	9655800	7425400	8143700
Non-Matrisome	Non-Matrisome	PRKCDDBP	9577200	6399100	6671100
Non-Matrisome	Non-Matrisome	TPM4	9288100	8968800	8776600
Non-Matrisome	Non-Matrisome	NPM1	9095900	11530000	10010000
Non-Matrisome	Non-Matrisome	ST13	9032000	6087100	5965700
Non-Matrisome	Non-Matrisome	LOC100626145	8997200	5967500	9337300
Non-Matrisome	Non-Matrisome	LOC100739437	8873500	8041300	8232000
Non-Matrisome	Non-Matrisome	PYGM	8798900	5493500	3933000
Non-Matrisome	Non-Matrisome	LOC102162202	8754800	2597000	1465600
Non-Matrisome	Non-Matrisome	CDS9	8680300	7783600	7735700
Non-Matrisome	Non-Matrisome	ARPC4	8607300	5146300	5009400
Non-Matrisome	Non-Matrisome	LOC100736718	8546800	7007900	4449600
Non-Matrisome	Non-Matrisome	CALR	8381300	8591600	7614600
Non-Matrisome	Non-Matrisome	C3	8154100	6266800	4051900
Non-Matrisome	Non-Matrisome	H3F3A	7910000	2119600	0
Non-Matrisome	Non-Matrisome	RPL7	7871200	8180700	8891000
Non-Matrisome	Non-Matrisome	LOC100620439	7824600	10331000	2417300
Non-Matrisome	Non-Matrisome	LOC100626701	7580600	4794000	4885700
Non-Matrisome	Non-Matrisome	VDAC2	7550000	5887800	5920400
Non-Matrisome	Non-Matrisome	HSPA5	7546900	7755100	5416100
Non-Matrisome	Non-Matrisome	SORBS1	7425900	5882600	6531800
Non-Matrisome	Non-Matrisome	MYADM	7433500	4311400	4675400
Non-Matrisome	Non-Matrisome	RPS6	7418300	7234000	3298800
Non-Matrisome	Non-Matrisome	PPIA	7341800	7480000	6041400
Non-Matrisome	Non-Matrisome	SYNPO2	7304700	5119500	4362200
Non-Matrisome	Non-Matrisome	RPL27	7130600	6162700	4701100
Non-Matrisome	Non-Matrisome	HSPA8	7075900	7124800	4911200
Non-Matrisome	Non-Matrisome	FMO1	6986600	5681500	7933900
Non-Matrisome	Non-Matrisome	CKAP4	6816700	11834000	7932100
Non-Matrisome	Non-Matrisome	DSTN	6809700	1868000	1101200
Non-Matrisome	Non-Matrisome	LOC100739307	6770800	7879400	9562800
Non-Matrisome	Non-Matrisome	OLFML1	6604900	9966800	7762500
Non-Matrisome	Non-Matrisome	PLP2	6595200	4438600	7264400
Non-Matrisome	Non-Matrisome	CTCFB11	6576900	4194100	5871200
Non-Matrisome	Non-Matrisome	ITGA5	6493200	5977400	3440200
Non-Matrisome	Non-Matrisome	LOC100525245	6417100	2467100	4079900
Non-Matrisome	Non-Matrisome	RPS9	6320900	4347000	3477800
Non-Matrisome	Non-Matrisome	RPL34	6282100	6968300	6991400
Non-Matrisome	Non-Matrisome	GNAI2	6207000	8008800	7855600
Non-Matrisome	Non-Matrisome	RPS20	6101300	2135900	6033300
Non-Matrisome	Non-Matrisome	RPL4	6092800	6068400	5126600
Non-Matrisome	Non-Matrisome	PALLD	6049800	4570500	3078100
Non-Matrisome	Non-Matrisome	RPL18A	6004600	8395900	1559400
Non-Matrisome	Non-Matrisome	RPS16	5976300	5620000	7255900
Non-Matrisome	Non-Matrisome	PDIAG	5908700	7246400	6400500
Non-Matrisome	Non-Matrisome	CDB1	5861000	6708800	7182100
Non-Matrisome	Non-Matrisome	HNRNPK	5759500	6554100	6766000
Non-Matrisome	Non-Matrisome	KRT8	5734900	7481200	10156000
Non-Matrisome	Non-Matrisome	RPL19	5665700	4005700	2104300
Non-Matrisome	Non-Matrisome	RPL21	5523200	6320800	4271200
Non-Matrisome	Non-Matrisome	RPS8	5381700	3851300	2070600
Non-Matrisome	Non-Matrisome	PDI3A	5379200	7403900	3726900
Non-Matrisome	Non-Matrisome	RPL3	5354800	3594800	2641000
Non-Matrisome	Non-Matrisome	HNRNPA2B1	5316400	5397600	5734300
Non-Matrisome	Non-Matrisome	IDH2	5282400	5365800	4548800
Non-Matrisome	Non-Matrisome	NME2	5276900	203570	255730
Non-Matrisome	Non-Matrisome	RPL13	5261100	2708300	1799100
Non-Matrisome	Non-Matrisome	FERMT2	5140100	2181860	1987720
Non-Matrisome	Non-Matrisome	487H	4870000	6374300	4413300
Non-Matrisome	Non-Matrisome	LOC100514785	48767300	4193300	4078700
Non-Matrisome	Non-Matrisome	ZYX	4764900	3474000	2597700
Non-Matrisome	Non-Matrisome	RPL8	4727600	7233900	7689900
Non-Matrisome	Non-Matrisome	RIPPLY2	4642300	0	1303700
Non-Matrisome	Non-Matrisome	BANF1	4440100	4357500	2815700
Non-Matrisome	Non-Matrisome	PTMA	4425000	0	0
Non-Matrisome	Non-Matrisome	MYO1C	4404900	3800900	3907200
Non-Matrisome	Non-Matrisome	LOC100626041	4347000	3635300	3801500
Non-Matrisome	Non-Matrisome	SPTAN1	4284100	2689800	2563400
Non-Matrisome	Non-Matrisome	PCBP1	4280600	4650000	1258000
Non-Matrisome	Non-Matrisome	OLFML3	4194900	5086300	4084000
Non-Matrisome	Non-Matrisome	LOC100621379	4104800	8189100	12576000
Non-Matrisome	Non-Matrisome	SLC25A6	4103500	2347000	1736600
Non-Matrisome	Non-Matrisome	SELENBP1	4009500	2743800	2580500
Non-Matrisome	Non-Matrisome	SEPT2	3981600	4059500	2619400
Non-Matrisome	Non-Matrisome	LOC100738863	3949600	2959900	3105800
Non-Matrisome	Non-Matrisome	VDAC1	3940200	985410	1485600
Non-Matrisome	Non-Matrisome	H2AFY	3893200	1857100	3694500
Non-Matrisome	Non-Matrisome	CAPN2	3811700	2637100	3222200
Non-Matrisome	Non-Matrisome	ARPC2	3810100	2512000	2002500
Non-Matrisome	Non-Matrisome	ACSL6	3722000	3855100	3939000
Non-Matrisome	Non-Matrisome	PURA	3686400	2129500	708100
Non-Matrisome	Non-Matrisome	SLC25A3	3643800	4528300	2027900
Non-Matrisome	Non-Matrisome	DAD1	3617400	5107200	4847400
Non-Matrisome	Non-Matrisome	TXNDC5	3585600	2667700	1376400

Non-Matrisome	Non-Matrisome	EEF2	3525600	2520200	3242500
Non-Matrisome	Non-Matrisome	MAOA	3523300	5991900	1758900
Non-Matrisome	Non-Matrisome	LMNA	3522300	1820000	9867200
Non-Matrisome	Non-Matrisome	RPL11	3514200	2892300	2177900
Non-Matrisome	Non-Matrisome	TKT	3505500	4035800	4379000
Non-Matrisome	Non-Matrisome	RPS13	3463900	4620600	2643800
Non-Matrisome	Non-Matrisome	RPLP0	3425400	3970700	2920700
Non-Matrisome	Non-Matrisome	SEPT11	3390800	5107800	4046700
Non-Matrisome	Non-Matrisome	RFS2E	3384500	3831200	3498600
Non-Matrisome	Non-Matrisome	RPL12	3317600	4859200	4032000
Non-Matrisome	Non-Matrisome	AHNAK	3317400	1959100	2028900
Non-Matrisome	Non-Matrisome	RPS11	3317200	3213700	1919200
Non-Matrisome	Non-Matrisome	TNK1	3298100	2773800	3107300
Non-Matrisome	Non-Matrisome	RPL24	3297100	2318100	2658200
Non-Matrisome	Non-Matrisome	ANPEP	3279700	3668300	2743900
Non-Matrisome	Non-Matrisome	PRDX2	3233200	2602000	3601800
Non-Matrisome	Non-Matrisome	RTN3	3178200	3070200	3265400
Non-Matrisome	Non-Matrisome	LOC100525453	3127100	1123000	1823900
Non-Matrisome	Non-Matrisome	RPS4	3024200	4231900	2219100
Non-Matrisome	Non-Matrisome	CAPZA1	2990200	2681500	658090
Non-Matrisome	Non-Matrisome	H1FX	2949300	2351800	1463600
Non-Matrisome	Non-Matrisome	GNG12	2946900	2990800	1923400
Non-Matrisome	Non-Matrisome	RPS5	2940700	1986800	4226200
Non-Matrisome	Non-Matrisome	LOC100823241	2858300	4814900	0
Non-Matrisome	Non-Matrisome	DPYSL2	2780600	3742000	3043300
Non-Matrisome	Non-Matrisome	ACTR3	2767400	2462200	1640000
Non-Matrisome	Non-Matrisome	LOC100738983	2756200	1847600	1249100
Non-Matrisome	Non-Matrisome	CDH13	2753900	3800300	1453700
Non-Matrisome	Non-Matrisome	RPLS3	2718400	2823600	1625700
Non-Matrisome	Non-Matrisome	DOCK9	2630700	1918300	1908000
Non-Matrisome	Non-Matrisome	HNRNPA3	2574600	1278500	236410
Non-Matrisome	Non-Matrisome	ANP32A	2557800	2767300	3696700
Non-Matrisome	Non-Matrisome	RPS7	2443600	2691900	4387900
Non-Matrisome	Non-Matrisome	CLTC	2376900	2530700	1625500
Non-Matrisome	Non-Matrisome	LOC100519984	2318200	1735300	621260
Non-Matrisome	Non-Matrisome	PRDX4	2300800	2307000	3043500
Non-Matrisome	Non-Matrisome	SSR4	2284200	2022100	1929100
Non-Matrisome	Non-Matrisome	CDC37	2279600	2316100	1122000
Non-Matrisome	Non-Matrisome	BASP1	2276200	3603300	1308600
Non-Matrisome	Non-Matrisome	LOC102165939	2256500	1526700	1307600
Non-Matrisome	Non-Matrisome	LOC102166965	2251000	3694500	2260900
Non-Matrisome	Non-Matrisome	VCP	2235510	1779430	524810
Non-Matrisome	Non-Matrisome	SFN	2205300	2097900	2602300
Non-Matrisome	Non-Matrisome	SORBS2	2147300	2283300	2625500
Non-Matrisome	Non-Matrisome	RPL13A	2128300	2471500	3990800
Non-Matrisome	Non-Matrisome	RPS23	2093400	1935000	878570
Non-Matrisome	Non-Matrisome	RPL17	2071500	1155300	688130
Non-Matrisome	Non-Matrisome	PDI4A	2058800	2005500	3102600
Non-Matrisome	Non-Matrisome	AKAP12	1998200	677580	658680
Non-Matrisome	Non-Matrisome	RPN2	1985200	2626900	2138200
Non-Matrisome	Non-Matrisome	GNAO1	1978400	1619600	689880
Non-Matrisome	Non-Matrisome	GNB2L1	1965500	585810	322150
Non-Matrisome	Non-Matrisome	TPH3	1958500	2727400	2510700
Non-Matrisome	Non-Matrisome	PDLIM3	1952200	1679300	2272900
Non-Matrisome	Non-Matrisome	CAPZB	1952200	1559400	308110
Non-Matrisome	Non-Matrisome	LDHA	1937000	683320	1395000
Non-Matrisome	Non-Matrisome	TES	1936500	0	965680
Non-Matrisome	Non-Matrisome	MBOAT1	1924200	0	3211800
Non-Matrisome	Non-Matrisome	PARVA	1911500	637270	1760300
Non-Matrisome	Non-Matrisome	TFRS1	1876200	1622700	2356300
Non-Matrisome	Non-Matrisome	RPL14	1856000	4974800	3192800
Non-Matrisome	Non-Matrisome	HNRNPD	1750800	2359400	1392400
Non-Matrisome	Non-Matrisome	SOOR	1717300	1106300	772910
Non-Matrisome	Non-Matrisome	RPL9	1713700	455180	342950
Non-Matrisome	Non-Matrisome	REEP5	1684900	0	0
Non-Matrisome	Non-Matrisome	LOC100622330	1674900	855410	1049000
Non-Matrisome	Non-Matrisome	HNRNPF	1659000	1945800	89470
Non-Matrisome	Non-Matrisome	ARHGDI1	1632300	897210	2762300
Non-Matrisome	Non-Matrisome	PPP1CB	1616500	2697500	2061000
Non-Matrisome	Non-Matrisome	RPS17	1599000	1612800	0
Non-Matrisome	Non-Matrisome	RCN3	1569200	992900	1284400
Non-Matrisome	Non-Matrisome	CFB	1507000	0	0
Non-Matrisome	Non-Matrisome	RPLP2	1483600	3556500	1096500
Non-Matrisome	Non-Matrisome	GOT2	1475000	1599400	1377900
Non-Matrisome	Non-Matrisome	TMEM109	1447500	1607200	1514300
Non-Matrisome	Non-Matrisome	CAMK2G	1415400	886300	306230
Non-Matrisome	Non-Matrisome	PDCD6	1412900	0	0
Non-Matrisome	Non-Matrisome	LOC102161427	1368700	1546000	0
Non-Matrisome	Non-Matrisome	TMED9	1350700	0	1518600
Non-Matrisome	Non-Matrisome	LIMS2	1336600	2292600	1870000
Non-Matrisome	Non-Matrisome	RPS3A	1333400	4473600	3327300
Non-Matrisome	Non-Matrisome	TUBB2B	1305100	1930000	1770700
Non-Matrisome	Non-Matrisome	LMCD1	1301600	788940	631720
Non-Matrisome	Non-Matrisome	RPN1	1300200	4134700	3592200
Non-Matrisome	Non-Matrisome	NONO	1281000	1152100	2707300
Non-Matrisome	Non-Matrisome	HP1BP3	1192600	201270	278300
Non-Matrisome	Non-Matrisome	RAB10	1181200	1855000	404190
Non-Matrisome	Non-Matrisome	ACTR1A	1170500	877170	262850
Non-Matrisome	Non-Matrisome	LOC100524748	1145900	0	572340
Non-Matrisome	Non-Matrisome	LMNB2	1144800	1619100	212330
Non-Matrisome	Non-Matrisome	ATP1A2	1135200	772480	974660
Non-Matrisome	Non-Matrisome	ATP1A1	1107100	3006500	1417100
Non-Matrisome	Non-Matrisome	DHX9	1076100	862340	244140
Non-Matrisome	Non-Matrisome	HNRNPU	1069000	1117100	1159400
Non-Matrisome	Non-Matrisome	NOO1	1062200	2608800	1366900
Non-Matrisome	Non-Matrisome	DDX17	1031900	462380	901740
Non-Matrisome	Non-Matrisome	HNRNPO	1011100	913420	621740
Non-Matrisome	Non-Matrisome	PGAM2	1000900	1730300	0
Non-Matrisome	Non-Matrisome	NEFH	976050	1519300	1363300
Non-Matrisome	Non-Matrisome	PGM1	954480	1068000	897950
Non-Matrisome	Non-Matrisome	APOA2	954480	0	0
Non-Matrisome	Non-Matrisome	PCBP2	945760	0	320370
Non-Matrisome	Non-Matrisome	LOC100624417	938730	0	1343200
Non-Matrisome	Non-Matrisome	ALDH2	933520	355690	865820
Non-Matrisome	Non-Matrisome	GSR	932630	337700	0
Non-Matrisome	Non-Matrisome	CALU	929650	545080	445410
Non-Matrisome	Non-Matrisome	ATL3	924740	635790	735040
Non-Matrisome	Non-Matrisome	LOC100737457	899940	776350	535960
Non-Matrisome	Non-Matrisome	ADP2B1	893940	426660	593760
Non-Matrisome	Non-Matrisome	HDH1	892420	806240	643560
Non-Matrisome	Non-Matrisome	IDH1	873570	0	824810
Non-Matrisome	Non-Matrisome	ARL6IP5	872550	515780	503420
Non-Matrisome	Non-Matrisome	HSP90AB1	864090	979640	1069700
Non-Matrisome	Non-Matrisome	EFHD2	852150	0	708160
Non-Matrisome	Non-Matrisome	CORO1B	849270	632240	1234300
Non-Matrisome	Non-Matrisome	EZR	837320	1103100	578750
Non-Matrisome	Non-Matrisome	C14H10orf58	822730	1328700	672170
Non-Matrisome	Non-Matrisome	COX411	815360	0	0
Non-Matrisome	Non-Matrisome	EHD1	787850	1097000	473630
Non-Matrisome	Non-Matrisome	CANX	786380	827080	238730
Non-Matrisome	Non-Matrisome	TOP1	738100	0	0
Non-Matrisome	Non-Matrisome	IQGAP1	696200	838890	297940
Non-Matrisome	Non-Matrisome	TPPP3	684480	1754400	563950
Non-Matrisome	Non-Matrisome	ADD1	644160	280290	433410
Non-Matrisome	Non-Matrisome	ATP2A2	618610	417690	370440
Non-Matrisome	Non-Matrisome	TAF15	602590	0	195980
Non-Matrisome	Non-Matrisome	TN-X	582090	710120	587200
Non-Matrisome	Non-Matrisome	CTCF2	562700	233110	643130
Non-Matrisome	Non-Matrisome	CAPZA2	538090	0	302160
Non-Matrisome	Non-Matrisome	GLUD1	520580	543390	0
Non-Matrisome	Non-Matrisome	LOC100736695	518730	2289200	719870
Non-Matrisome	Non-Matrisome	ACTR2	515910	2036000	138670
Non-Matrisome	Non-Matrisome	KATNAL2	510420	198790	325550
Non-Matrisome	Non-Matrisome	SRI	508250	1626300	4905900
Non-Matrisome	Non-Matrisome	TUBB6	501280	628880	648730

Non-Matrisome	Non-Matrisome	LOC100625760	479980	0	0
Non-Matrisome	Non-Matrisome	RPS19	466900	1189100	3098700
Non-Matrisome	Non-Matrisome	EIF4A1	456460	367030	342610
Non-Matrisome	Non-Matrisome	RFS10	453760	250200	0
Non-Matrisome	Non-Matrisome	OTUB1	452940	177680	0
Non-Matrisome	Non-Matrisome	SRSF7	450210	699260	1396400
Non-Matrisome	Non-Matrisome	CORO1C	438820	1161800	1645600
Non-Matrisome	Non-Matrisome	LMAN2	416650	0	410750
Non-Matrisome	Non-Matrisome	NSD1	414050	489940	385950
Non-Matrisome	Non-Matrisome	COPA	402190	336120	409010
Non-Matrisome	Non-Matrisome	PPP2R1A	401380	364540	159600
Non-Matrisome	Non-Matrisome	SEC11A	401250	0	0
Non-Matrisome	Non-Matrisome	VPS35	398570	695580	363680
Non-Matrisome	Non-Matrisome	TEX15	397980	433940	335900
Non-Matrisome	Non-Matrisome	LOC100739704	397410	432940	898670
Non-Matrisome	Non-Matrisome	PLCE1	388270	0	0
Non-Matrisome	Non-Matrisome	HSD17B10	363390	299330	337770
Non-Matrisome	Non-Matrisome	STT3A	351020	424030	0
Non-Matrisome	Non-Matrisome	VAT1	319800	0	209590
Non-Matrisome	Non-Matrisome	HNRNPR	319610	134510	273220
Non-Matrisome	Non-Matrisome	GSTP1	316710	511160	744900
Non-Matrisome	Non-Matrisome	PGK1	308900	0	258870
Non-Matrisome	Non-Matrisome	HNRNPM	305580	390760	277860
Non-Matrisome	Non-Matrisome	DDOST	286150	1181800	450320
Non-Matrisome	Non-Matrisome	BAG2	279170	0	0
Non-Matrisome	Non-Matrisome	TUFM	274190	189250	180450
Non-Matrisome	Non-Matrisome	SLA-DQB1	252830	0	0
Non-Matrisome	Non-Matrisome	PFKL	252450	0	0
Non-Matrisome	Non-Matrisome	PABPC1	242960	274980	267880
Non-Matrisome	Non-Matrisome	GNAQ	242170	0	0
Non-Matrisome	Non-Matrisome	G6PD	228590	0	0
Non-Matrisome	Non-Matrisome	DDX39A	217570	985140	534190
Non-Matrisome	Non-Matrisome	ATP2B1	209830	0	147060
Non-Matrisome	Non-Matrisome	UBA1	206820	102280	97383
Non-Matrisome	Non-Matrisome	TUBA1A	205220	268950	0
Non-Matrisome	Non-Matrisome	CKM	200330	1023100	264420
Non-Matrisome	Non-Matrisome	HNRNPA1	174630	144960	161890
Non-Matrisome	Non-Matrisome	MSN	162410	0	0
Non-Matrisome	Non-Matrisome	COPB1	161100	102150	287860
Non-Matrisome	Non-Matrisome	C4	157990	0	53630
Non-Matrisome	Non-Matrisome	BYNC1H1	149760	131550	24040
Non-Matrisome	Non-Matrisome	CAPN1	148510	102290	349990
Non-Matrisome	Non-Matrisome	CCT3	146480	0	0
Non-Matrisome	Non-Matrisome	PYGB	145610	0	0
Non-Matrisome	Non-Matrisome	RAB2A	143210	0	100280
Non-Matrisome	Non-Matrisome	LOC100524408	128470	228300	224520
Non-Matrisome	Non-Matrisome	ARHGAP1	128200	200570	185420
Non-Matrisome	Non-Matrisome	PTBP1	121560	1529400	660360
Non-Matrisome	Non-Matrisome	PIP5K1C	121130	0	0
Non-Matrisome	Non-Matrisome	ALDH3A2	120250	0	304990
Non-Matrisome	Non-Matrisome	ARPC3	113500	360220	0
Non-Matrisome	Non-Matrisome	LOC100524170	109050	349630	198950
Non-Matrisome	Non-Matrisome	NANS	105910	0	65462
Non-Matrisome	Non-Matrisome	AP2A1	105270	0	0
Non-Matrisome	Non-Matrisome	DLC1	105220	31953	96034
Non-Matrisome	Non-Matrisome	CFH	94622	75685	0
Non-Matrisome	Non-Matrisome	SDPR	74642	0	0
Non-Matrisome	Non-Matrisome	DDX3X	64944	113720	0
Non-Matrisome	Non-Matrisome	HARDHA	61332	81343	119680
Non-Matrisome	Non-Matrisome	EIF3M1	60492	81252	72766
Non-Matrisome	Non-Matrisome	GANAB	52686	251340	644850
Non-Matrisome	Non-Matrisome	COPB2	47636	52093	24696
Non-Matrisome	Non-Matrisome	KPNB1	32401	155820	26410
Non-Matrisome	Non-Matrisome	CLASP2	32305	18211	0
Non-Matrisome	Non-Matrisome	COPS3	29915	0	32197
Non-Matrisome	Non-Matrisome	RPL26	0	1395200	13811000
Non-Matrisome	Non-Matrisome	LOC100523901	0	5536700	3387600
Non-Matrisome	Non-Matrisome	LOC100736977	0	4185000	0
Non-Matrisome	Non-Matrisome	HNRNPH1	0	1895300	4731100
Non-Matrisome	Non-Matrisome	RPS24	0	1654700	0
Non-Matrisome	Non-Matrisome	TMEM108	0	1385200	746090
Non-Matrisome	Non-Matrisome	CAPNS1	0	1201700	896380
Non-Matrisome	Non-Matrisome	NME3	0	1116100	0
Non-Matrisome	Non-Matrisome	LOC100622258	0	999640	0
Non-Matrisome	Non-Matrisome	HNRNPL	0	908960	871770
Non-Matrisome	Non-Matrisome	APHO	0	873180	343930
Non-Matrisome	Non-Matrisome	TMX4	0	851340	0
Non-Matrisome	Non-Matrisome	FKBP11	0	701440	395170
Non-Matrisome	Non-Matrisome	CFL2	0	684840	0
Non-Matrisome	Non-Matrisome	MAPRE1	0	657880	889390
Non-Matrisome	Non-Matrisome	TMED10	0	586060	0
Non-Matrisome	Non-Matrisome	LOC100620394	0	559700	0
Non-Matrisome	Non-Matrisome	SNRPA	0	552080	0
Non-Matrisome	Non-Matrisome	ATP5F1	0	539450	0
Non-Matrisome	Non-Matrisome	GSTA2	0	497490	1051900
Non-Matrisome	Non-Matrisome	CHCHD3	0	494800	735910
Non-Matrisome	Non-Matrisome	MAPK1	0	420240	0
Non-Matrisome	Non-Matrisome	MCT7	0	358660	0
Non-Matrisome	Non-Matrisome	ACO2	0	352770	359160
Non-Matrisome	Non-Matrisome	LOC100737374	0	331930	360200
Non-Matrisome	Non-Matrisome	GNAS	0	277320	310380
Non-Matrisome	Non-Matrisome	HSPA12B	0	252060	0
Non-Matrisome	Non-Matrisome	HSPD1	0	216950	285130
Non-Matrisome	Non-Matrisome	LOC100518219	0	199770	0
Non-Matrisome	Non-Matrisome	G3BP1	0	197140	0
Non-Matrisome	Non-Matrisome	SLC35F5	0	192940	0
Non-Matrisome	Non-Matrisome	ILF2	0	163030	137530
Non-Matrisome	Non-Matrisome	RRBP1	0	162110	0
Non-Matrisome	Non-Matrisome	GDI1	0	132430	96885
Non-Matrisome	Non-Matrisome	LOC100738401	0	119800	162740
Non-Matrisome	Non-Matrisome	UGDH	0	109940	132530
Non-Matrisome	Non-Matrisome	LOC102166880	0	77917	0
Non-Matrisome	Non-Matrisome	CCT5	0	0	316710
Non-Matrisome	Non-Matrisome	APOA4	0	0	293190
Non-Matrisome	Non-Matrisome	SARS	0	0	281050
Non-Matrisome	Non-Matrisome	LOC102164134	0	0	242010
Non-Matrisome	Non-Matrisome	KCTD12	0	0	181720
Non-Matrisome	Non-Matrisome	SERPINA3-3	0	0	179370
Non-Matrisome	Non-Matrisome	CP	0	0	171880
Non-Matrisome	Non-Matrisome	SEC24D	0	0	164620
Non-Matrisome	Non-Matrisome	ESYT1	0	0	99806
Non-Matrisome	Non-Matrisome	CAMK2D	0	0	45615

