Supplementary tables

Supplementary Table1. The demographics and perioperative characteristics in 20 patients for serum proteomic analysis.

	Bottom 10 (all in Group C)	Top 10 (all in Group S)	*P* value
Patient age, mean±SD, y	53.9±5.3	52.9±4.5	0.656
BMI, mean±SD, kg/m^2	23.9±2.1	23.9±1.9	0.978
ASA physical status, n (%)			
I	3 (30)	3 (30)	>0.999
II	7 (70)	7 (70)	
Preoperative comorbidity, n (%)			
Hypertension	4 (40)	3 (30)	>0.999
Diabetes mellitus	2 (20)	1 (10)	>0.999
Anemia	0 (0)	1 (10)	>0.999
Peripheral neuritis	1 (10)	3 (30)	0.576
History of surgery	6 (60)	5 (50)	>0.999
PSQI of the recent 1 month, M (P_{25}, P_{75})	8 (3.5, 10)	2 (1.0, 8.0)	0.105
RCSQ of the night before surgery, M (P_{25}, P_{75})	80 (77.5, 90)	80 (57.5, 82.5)	0.237

BMI; body mass index. ASA; American Society of Anesthesiologists. PSQI; Pittsburgh sleep quality index. RCSQ; Richards-Campbell Sleep Questionnaire.

Supplementary Table 2. Intraoperative and postoperative characteristics in 20 patients for serum proteomic analysis.

	Bottom 10 (all in Group C)	Top 10 (all in Group S)	*P* value
Study drug infusion			
S-ketamine, mean ± SD, mg	-	30.0±11.8	-
Intravascular volume status			
Total intraoperative infusion, M (P_{25}, P_{75}), ml	1500 (1500, 2000)	1550 (1500, 2000)	0.870
Red blood cell transfusion requirement, n (%)	1 (10)	0 (0)	>0.999
Blood loss, M (P_{25}, P_{75}), ml	200 (100, 225)	200 (137.5, 212.5)	0.844
Total urine output, M (P_{25}, P_{75}), ml	200 (137.5, 262.5)	225 (50, 312.5)	0.879
Duration of general anesthesia, mean ± SD, h	3.4±0.8	2.9±0.9	0.264

Supplementary Table 3. Postoperative variables in 20 patients for serum proteomic analysis.

	Bottom 10 (all in Group C)	Top 10 (all in Group S)	95% CI	*P* value
Percentage of stage N3 sleep, M (P_{25}, P_{75}), %	6.1 (4.9, 6.4)	19.6 (18.2, 23.3)	12.3 to 16.8	<0.001
Percentage of stage N2 sleep, M (P_{25}, P_{75}), %	52.3 (41.9, 58.9)	46.9 (41.7, 50.2)	-12.1 to 4.6	0.481
Percentage of stage N1 sleep, M (P_{25}, P_{75}), %	19.3 (9.6, 28.7)	13.8 (8.8, 16.8)	-15.8 to 3.0	0.315
Percentage of stage REM sleep, M (P_{25}, P_{75}), %	23.2 (9.7, 36.5)	19.9 (11.5, 25.7)	-15.5 to 8.2	0.579
Total sleep time, mean ± SD, minutes	468.1±51.2	475.5±58.9	-44.4 to 59.3	0.767
Sleep efficiency, M (P_{25}, P_{75}), %	68.6 (56.1, 69.9)	64.3 (44.4, 72.8)	-25.0 to 7.5	0.436
RCSQ of the surgery tonight, M (P_{25}, P_{75})	55 (47.5, 65)	60 (53.8, 60)	-5 to 10	0.796
RCSQ of the next night of surgery, M (P_{25}, P_{75})	76 (68.8, 80)	75 (70, 80)	-7.0 to 10	0.971
Daytime sleep, M (P_{25}, P_{75}), minutes	64 (55, 81)	56 (41.3, 79.8)	-28 to 16	0.315

REM; Rapid Eye Movement. RCSQ; Richards-Campbell Sleep Questionnaire. VAS; Visual Analogue Scale.

Supplementary Table 4. The complete blood count and biochemistry marker in 20 patients for serum proteomic analysis.

	Bottom 10 (all in Group C)	Top 10 (all in Group S)	95% CI	*P* value
Before surgery				
WBC, mean ± SD, $\times 10^6$	4.8±1.8	4.2±0.7	-1.9 to 0.7	0.338
LYM, mean ± SD, $\times 10^6$	1.1±0.3	1.4±0.3	-0.1 to 0.6	0.108
MON, mean ± SD, $\times 10^6$	0.3±0.1	0.3±0.1	-0.1 to 0.1	0.490
NEU, mean ± SD, $\times 10^6$	3.3±1.4	2.5±0.7	-1.9 to 0.2	0.103
CA125, M (P_{25}, P_{75}), U/ml	23.3 (9.3, 43.2)	11.9 (9.1, 36.8)	-21.4 to 17.3	0.631
CA199, M (P_{25}, P_{75}), U/ml	9.1 (8.3, 15.4)	9.9 (6.7, 15.9)	-8.4 to 6.2	0.739
After surgery				
WBC, mean ± SD, $\times 10^6$	5.9±2.4	5.7±1.3	-2.0 to 1.6	0.812
LYM, mean ± SD, $\times 10^6$	1.1±0.4	1.1±0.1	-0.2 to 0.4	0.561
MON, mean ± SD, $\times 10^6$	0.4±0.1	0.4±0.1	-0.1 to 0.1	0.527
NEU, mean ± SD, $\times 10^6$	4.4±2.0	4.1±1.3	-1.8 to 1.3	0.735
CRP, mean ± SD, mg/L	44.8±20.0	38.5±14.8	-22.8 to 10.2	0.436

WBC; white blood cell. LYM; lymphocyte. MON; monocyte. NEU; neutrophil. CA; cancer antigen. CRP; C-reactive protein.

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Protein	Description	Gene	S1	S2	S3	S4	S5	S6
A0A024QZ	Fast skelet	MYLPF	8562.835	7119.879	6431.578	11488.73	12045.79	0
A0A024QZ	Vinculin, is	VCL	24888.8	12966.82	12966.8	22621.92	16439.72	9751.627
A0A024QZ	Prosaposir	PSAP	75918.93	43537.51	55446.31	35656.9	52357.05	51917.12
A0A024QZ	Histone H2	HIST1H2BI	44143.59	55552.07	29520.44	46087.43	58784.22	66996.16
A0A024R0	Histone H2	HIST1H2A(	0	87649.3	0	121695.7	0	68839.33
A0A024R0	Compleme	C9	8912136	5630234	7619090	4365540	4162838	5063551
A0A024R0	Apolipopr	APOC1	9772600	9600276	9383676	10458350	9614715	10315368
A0A024R0	ADP-ribos	ARF3	13070.78	6082.151	0	10132.07	9198.02	0
A0A024R1	Fructose-b	ALDOB	0	10500.77	14635.81	5685.887	9611.644	6248.626
A0A024R1	Apolipopr	APOL1	410367.8	331930.4	340448.3	306971.2	341348.3	469900.1
A0A024R1	Myosin, he	MYH9	13315.29	4681.029	6302.858	8420.55	9491.14	11653.94
A0A024R1	Insulin-like	IGFBP4	63812.64	54485.69	44173.75	39589.47	47724.93	67066.31
A0A024R1	Junction pl	JUP	0	25640.36	49530.67	0	263889.1	0
A0A024R2	C-type lec	CLEC3B	634567.5	551511.3	638992.9	531709.3	646357.4	569890.1
A0A024R3	Cathepsin	CTSB	25457.6	36669.62	16311.56	9252.642	21913.65	19212.58
A0A024R3	Apolipopr	APOA1	66781632	55529608	63213176	43561768	47859588	1.27E+08
A0A024R3	Melanoma	MCAM	0	19561.51	15850.43	13089.78	7851.618	7138.746
A0A024R3	Amyloid b	APLP2	72194.07	98026.99	72359.98	75577.48	26474.73	5934.234
A0A024R4	Insulin-like	IGFBP5	6745.469	8692.381	0	8372.411	10411.44	11278.18
A0A024R4	Uncharacte	MGC9981	5147083	4771931	6165951	4493486	5991309	7256968
A0A024R4	Enolase 1,	ENO1	8454.826	16196.35	0	0	5171.161	23353.81
A0A024R5	Glucosidas	GANAB	0	136470	0	97894.77	0	0
A0A024R5	Cortactin, i	CTTN	747610.6	717702.8	823455.3	1091971	1130615	791332.1
A0A024R5	Annexin	ANXA2	0	0	0	0	4686.125	0
A0A024R6	Actinin, alp	ACTN1	27367.69	5783.603	102917.6	9943.832	11049.26	52652.55
A0A024R6	Fibulin 5, is	FBLN5	40556.12	21841.4	30772.12	51199.3	75342.48	39086.04
A0A024R6	Serpin pep	SERPINA1(	393280.6	260518.9	319352.5	328445.9	244046.6	239935.3
A0A024R6	Alpha-1-a	SERPINA1	21643.42	0	0	0	0	13317636
A0A024R6	Serpin pep	SERPINA4	616228.3	604710.8	659511.8	532935	800315.1	920445
A0A024R6	Serpin pep	SERPINA5	126434.2	146973.2	139215.3	104449.6	146254.4	137026
A0A024R6	Serpin pep	SERPINA3	36164300	24433930	28293586	19496176	17775796	37113560
A0A024R6	Matrix met	MMP2	15291.05	73115.8	17817.03	36320.44	12189.64	43894.32
A0A024R7	Angiopoie	ANGPTL6	12928.98	24138.15	9801.941	10143.95	15113.04	6306.196
A0A024R7	HCG20337	hCG_2033	12521.58	21885.79	24140.62	15080.92	12602.5	0
A0A024R7	Epididymis	RAB3D	0	0	36100.7	0	0	0
A0A024R8	Tenascin C	TNC	12601.42	8961.762	13612.62	14085.56	13777.1	8037.246
A0A024R8	ADAMTS-l	ADAMTSL2	4473.065	4913.106	0	2222.84	4563.015	0
A0A024R8	Prostaglan	PTGDS	111102.5	170158.3	129615	136480.3	70656.96	733073.4
A0A024R8	Protein dis	P4HB	11665.71	16297.55	7536.876	38896.78	7965.111	8120.957
A0A024R8	Transmem	TMC6	158230.3	117242.4	187165.1	42125.88	178200.1	18660.99
A0A024R9	Proteoglyc	PRG4	96983.55	49105.38	70631.6	47694.19	68411.88	62042.91
A0A024R9	Serpin pep	SERPINC1	11081714	8651911	9881892	8861331	8525448	11505727
A0A024R9	Plasma glu	PGCP	5166.463	3976.448	22355.08	0	0	10826.12
A0A024R9	Collectin s	COLEC10	89189.73	25883.16	29573.73	0	39887.53	20199.16
A0A024R9	RNA helica	AQR	292402.8	174198.7	196922	250373.1	281555.3	196698.4
A0A024RA	Adiponect	C1QC	819340.3	1237184	1033879	960863.1	878223.1	957998.8
A0A024RA	Heparan s	HSPG2	9270.033	11794.29	10286.04	11257.57	9877.753	8550.365
A0A024RA	Adiponect	C1QB	1501023	1758039	1503851	1261729	1397863	2226874
A0A024RA	Adiponect	C1QA	1505183	1795311	1525497	1104055	1220283	1473391
A0A024RA	Matrix Gla	MGP	57893.26	112696.2	89528.6	59629.07	95683.26	97613.35
A0A024RB	RAP1B, me	RAP1B	2322.489	0	0	6209.035	0	0
A0A024RC	Aminopep	ANPEP	12539.39	21665.39	17265.61	24865.36	34574.49	24077.3
A0A024RC	HCG19917	hCG_1991	16774.37	21468.04	33653.77	36347.14	41884.06	32090.15
A0A024RD	G protein-	GPR116	9512.559	0	5839.514	0	0	0
A0A024RD	Platelet-ac	PLA2G7	15564.28	23006.45	15986.12	17691.03	29513.77	11993.66
A0A024RD	Insulin-like	IGFBP7	0	9752.52	0	0	0	641.9023
A0A024RD	SPARC-like	SPARCL1	0	14071.24	9229.142	12979.11	9224.014	22657.2

A0A024RD	Periostin, c	POSTN	10222.07	15035.34	11141.18	11676.46	15534.38	0
A0A024RD	Lymphocyt	LCP1	52579.79	55394.29	37432.55	32720.23	27869.06	45211.2
A0A024RD	Lysosomal	LAMP1	12992.53	19123.3	14337.07	13505.64	10150.43	32614.21
A0A059WI	MHC class	HLA-B	5042.221	17602.87	0	0	0	0
A0A068LK	Ig heavy chain variabl		8914271	11613176	12146971	11231438	14015646	7893515
A0A068LK	Ig heavy chain variabl		796949	635888.5	206603	380862.3	380448.8	195606.9
A0A068LK	Ig heavy chain variabl		38846.79	107320.1	44116.52	41971.98	28828.54	96654.42
A0A068LK	Ig heavy chain variabl		371504.3	716831.1	839284.9	415319.4	375680.6	50194.25
A0A068LL	Ig heavy chain variabl		149419.9	275828.2	176505.4	252357.9	252764.1	192048.8
A0A068LN	Ig heavy chain variabl		174112.8	278663.4	188204.3	230438.5	275174.9	57082.21
A0A068LN	Ig heavy chain variabl		3252230	4215748	1955638	3042468	3147298	1716602
A0A068LN	Ig heavy chain variabl		758022.7	3495632	628813.4	1156384	1271920	1139269
A0A068LR	Ig heavy chain variabl		0	0	0	40058.27	14524.86	48487.95
A0A068LR	Ig heavy chain variabl		59686.71	285590.3	64948.63	208136.6	342394.1	474349.9
A0A068LR	Ig heavy chain variabl		0	221288.4	14828.26	21766.04	85024.16	0
A0A075B6	Immunogl	IGKV3-7	507406.1	810519.4	688861.1	554549.9	675684.5	452462.2
A0A075B6	Immunogl	IGLV8-61	2331322	1384370	34306.4	932193	140708.1	43730.35
A0A075B6	Immunogl	IGLV7-46	125792.7	263399.7	124758.1	421222.8	236806.1	191247.6
A0A075B6	Immunogl	IGLV2-18	60519.2	135225.1	800604.4	90199.36	110101.4	105491.7
A0A075B6	Immunogl	IGLV3-16	363557.8	689878.8	531474.6	695143	473532.7	1050486
A0A075B6	Immunogl	IGLV3-12	0	0	0	8236.094	70365.29	0
A0A075B6	Immunogl	IGLV3-9	35834.36	9002.015	47073.11	23516.04	22526.04	68186.23
A0A075B6	Immunogl	IGHV3-64	332688.5	183796.5	470206.3	274612.7	201184.8	500482.8
A0A075B6	Immunogl	IGHV4-4	0	195153.7	0	95970.97	268875.2	214782.5
A0A075B6	Immunogl	IGKV2D-24	2276980	2639039	1769702	1026886	1568301	3053919
A0A075B6	Immunogl	IGKV2D-29	0	0	0	0	19638.87	12138.76
A0A075B6	Immunogl	IGKV2D-30	40342.05	46055.58	20599.9	17463.62	30151.76	51873.32
A0A075B6	Immunogl	IGKV1-37	127822.7	130687.5	132888.8	72325.5	128792.8	77101.56
A0A075B7	Immunogl	IGHV4OR1	0	0	0	4121.223	0	0
A0A075B7	GAS2-like	GAS2L2	12788.65	51219.04	435868.9	30325.51	408102.9	472000.1
A0A075B7	Immunogl	IGHV3OR1	426713.3	457169.8	797663	663902.5	629963.4	66360.44
A0A075B7	Immunogl	IGHV1OR1	105340.3	92398.77	23242.44	36178.74	80301.08	38274.45
A0A075B7	Immunogl	IGKV1OR2	181198.9	217329.8	376860.9	160157.2	325073.9	179773.6
A0A075B7	Immunogl	IGHV3OR1	771589.1	1704475	353073	1040125	268842.5	594614.6
A0A075B7	Immunogl	IGHV3OR1	149175.1	309642.4	182040.6	590017.9	134967.8	243526.5
A0A087W9	Carboxype	CPB2	412746.2	310011.8	363821.3	295043.2	322103.3	296505.4
A0A087W9	Immunogl	IGKV3D-15	853311.4	1245007	1053461	904583.9	1237457	610818.6
A0A087W9	Immunogl	IGKV1D-8	215881.2	231321.6	0	0	111992.8	124220.4
A0A087W7	Receptor-t	PTPRJ	0	44461.01	5878.406	0	7625.692	2212.395
A0A087W7	Neuroblas	NBL1	0	10015.16	0	0	10963.52	10196.8
A0A087WI	Cadherin-1	CDH1	10792.72	11871.02	12117.56	6498.097	21639.71	9986.97
A0A087WV	Neural cell	NCAM1	13564.1	9770.898	7237.385	8029.119	0	18684.17
A0A087WV	Serum albu	ALB	0	15727.94	0	25030.64	46354.33	42428.11
A0A087WZ	alpha-1,2-	MAN1C1	0	0	0	0	0	0
A0A087X0	Neural cell	CHL1	26071.29	28622.66	36068.09	27990.16	34052.5	27030.94
A0A087X0	Immunogl	IGKV2-40	62547.96	94306.25	69978.07	147434.8	41077.97	115255.9
A0A087X0	Cell adhesi	CADM1	19104.71	0	15074.2	8555.906	15425.81	0
A0A087X1	Glutathion	GPX3	360405.1	320847.4	272366.6	244554	299484.4	535606.4
A0A087X1	Aggrecan	ACAN	4981.045	10953.11	0	34428.17	14484.81	0
A0A090N7	Retinoic ac	RARRES2	44843.71	27681.02	38030.07	28627.34	27812.2	37210.35
A0A0A0MI	Coagulatic	F5	510872.2	292158.6	365157.7	335197.1	303064.4	294164.8
A0A0A0MS	Immunogl	IGHG1	0	584448.8	0	237177	778045.5	64340.24
A0A0A0MS	Immunogl	IGHV1-45	65474.13	35379.24	85844.4	48692.76	161774	67930.49
A0A0A0MS	Immunogl	IGHV3-49	950326	765339.4	804454.2	919661.8	589874.2	899523.6
A0A0A0MS	Eukaryotic	EIF4G3	19097818	16931084	14445334	14023234	12472566	34094300
A0A0A0MS	Poliovirus	PVR	4510.121	38765.2	32583.65	33478.8	0	0
A0A0A0MS	Sushi, von	SVEP1	767260.9	9335.857	0	437372	12943.6	3784.402
A0A0A0MS	Peroxiredc	PRDX1	2864.293	0	11823570	6153866	5039779	6450650

A0A0A0M	Immunogl	IGKV6D-2	477216.5	1375185	1405744	651343.8	1591024	620862.8
A0A0A0M	Immunogl	IGKJ1	0	670001.1	1002621	424152.6	400707.9	424179.5
A0A0B4J1L	Immunogl	IGHV6-1	1241840	1504818	4126896	3950930	1076755	1840771
A0A0B4J1V	Immunogl	IGHV2-26	50913.89	53690.8	70447.2	23377.83	63702.77	52238.49
A0A0B4J1V	Immunogl	IGHV3-73	79172.63	101939.7	74879.59	65510.34	112069.6	43371.3
A0A0B4J1X	Immunogl	IGHV3-74	2171581	4068723	1971592	1867971	2237423	2689142
A0A0B4J1X	Immunogl	IGHV3-43	0	0	289137.5	308070	478036.2	222683.5
A0A0B4J1Y	Immunogl	IGLV9-49	186646.8	484275.7	232312.5	193589.8	178090.7	385922.8
A0A0B4J1Y	Immunogl	IGHV3-72	623077.6	883172.3	792670.6	993195.4	466489.4	729381.9
A0A0B4J2E	Immunogl	IGHV3OR1	10365550	19067098	6084416	11333639	11661922	9325893
A0A0B4J2E	Immunogl	IGHV1OR1	49411.29	43243.06	66031.11	118508.7	96847.06	84931.73
A0A0B4J2E	Immunogl	IGKV1D-1	99359.63	167927.8	527930.8	78230.75	124817.6	143167.7
A0A0B4J2F	Immunogl	IGHV1-69I	19995.86	0	55594.33	74122.52	50641.8	43786.62
A0A0B4RL	Apolipopr	APOA5	12106.34	0	11431.18	14152.55	9833.096	5835.654
A0A0C4DF	Cartilage a	CRTAC1	51032.44	56829.77	46093.52	28260.63	34110.69	40328.38
A0A0C4DG	Glycoprote	GP1BA	60142.58	56961.93	60105.21	32346.81	77311.86	48321.7
A0A0C4DH	Immunogl	IGKV3D-2(	3088244	5006378	4593071	4098063	5883879	4706519
A0A0C4DH	Immunogl	IGHV3-16	80792.57	96568.77	117575.2	69564.14	156447.6	154297.1
A0A0C4DH	Immunogl	IGHV1-18	66013.77	98384.4	57346.65	77208.1	74056.02	144734
A0A0C4DH	Immunogl	IGHV3-20	27544.54	68358.64	10260.51	16870.84	72102.88	41478.55
A0A0C4DH	Immunogl	IGHV3-35	4932757	4062148	3011514	1039693	3049365	2462230
A0A0C4DH	Immunogl	IGHV3-38	326368.6	336672.8	339023.1	304620.8	323494.3	330039.6
A0A0C4DH	Immunogl	IGHV1-58	0	383077.8	0	41637.41	0	0
A0A0C4DH	Immunogl	IGHV2-70I	66034.32	2285177	31289.46	28129.06	910455.9	51026.79
A0A0C4DH	Immunogl	IGKV1-8	1975612	2822329	2255976	4304595	2442524	1473945
A0A0D9SG	Lymphocyt	LCP2	0	231331	258971.5	137293.3	30068.66	0
A0A0F7G8	Plasminog	PLG	29781.63	33158.32	39254.47	39591.08	40875.66	32034.97
A0A0F7T8	IGHV5-51	IGHV5-51	35804.09	91300.86	29338.62	35120.13	64557.78	83323.88
A0A0F7T9	IGHV4-39	IGHV4-39	1063339	2514508	2130326	2580317	2458752	1135910
A0A0F7T9	IGHV1-2 p	IGHV1-2	31743.71	77957.77	36094.16	36699.43	0	0
A0A0F7TC	IGHV4-4 p	IGHV4-4	734408.5	1881549	1473344	1830706	369058.1	253366
A0A0F7TD	IGHV3-7 p	IGHV3-7	42870.9	159967.1	104580.4	58310.67	130870.5	132760.3
A0A0G2JM	Immunogl	IGHV1-69-	27228.86	0	55594.32	48447.93	52992.02	31602.29
A0A0G2JN	Heterogen	HNRNPCL2	28537.08	53485.55	21445.18	0	0	42080.21
A0A0G2JR	Uncharacterized prote		393508.3	2017082	900306.8	746579.6	906551.1	495951.7
A0A0H5AY	L-selectin	SELL	57862.61	48547.3	42689.22	33853.02	32844.49	104607.1
A0A0J9YV	Immunogl	IGHV7-4-1	5009.578	0	0	0	20543.62	28116.32
A0A0J9YW	Uncharacterized prote		59877.25	19524.66	0	82999.55	8748.699	2670.05
A0A0J9YX	Immunogl	IGHV3-64I	1160507	2117412	660739.6	2395986	1383492	1181157
A0A0J9YX	Immunogl	IGHV5-10-	389596.9	954797.1	407655.1	678278.1	539251.9	1399016
A0A0J9YY	Uncharacterized prote		305147.8	283955.3	263030.2	248971.5	170839.4	93928.05
A0A0K0K1	Epididymis	HEL-S-265	38004.98	58436.79	25565.8	58993.16	62408.92	41663.3
A0A0K0K1	Cystatin	HEL-S-2	134411.5	171328.6	148176.2	118470.4	150591.3	163770
A0A0K2BM	Mutant he	HBA2	87044.34	93882.73	258809.2	129107	131286.4	233252.7
A0A0M3KI	Fab Hu 15C1 Heavy c		182229.2	105013.5	603901.6	112805.8	413329.1	192038.9
A0A0R7FJI	Coagulatic	F12	0	0	47317.57	0	0	29150.39
A0A0S2Z3	Apolipopr	APOE	5466810	5817574	5076818	3225840	6066328	4039833
A0A0S2Z3	Cholestery	CETP	49031.59	62439.78	43675.31	56528.95	72724.76	73879.69
A0A0S2Z3	Lectin gala	LGALS3BP	253509.1	158966.7	113949.8	81769.62	130231.9	182582.1
A0A0S2Z4	HCG20398	KRT6A	47572.15	50595.11	263103.2	154649.4	144371.4	98778.63
A0A0S2Z4	EGF contai	EFEMP1	254951.6	275526.5	255763.9	236733.4	406503.9	160771.9
A0A0S2Z4	Compleme	CFP	185153.9	172742.7	188167.5	170283.7	181468.4	175458
A0A0S2Z4	Protein S i	PROS1	1233484	831097.5	1007485	919527.9	940280.8	842732.9
A0A0S2Z4	Transformi	TGFBI	82359.38	25150.85	41056.85	35107.65	36664.88	34856.94
A0A0U1RC	CLIP-asso	CLASP2	630057.4	432220.2	658565	482142.8	466052.1	592447.5
A0A0U1RC	Endothelia	PROCR	0	7596.02	0	0	33612.95	16799.45
A0A0U4ER	Haptoglob	HP	669857.8	515246.1	1031408	805107.9	401033.5	0
A0A0X9T0	GCT-A5 heavy chain		10457.83	20460.93	13916.64	23383.86	0	12918.91

A0A0X9T0	IBM-A2 light chain va	548437.3	834341.8	479737.6	562146.8	764687.4	510692.5
A0A0X9T7	MS-D3 heavy chain v	94720.26	81306.72	105623.4	29161.03	75115.13	173193.6
A0A0X9T7	GCT-A4 light chain va	9679469	11915599	13844397	9834430	12820586	15530982
A0A0X9T7	IBM-A2 heavy chain v	76560.41	270558	98411.42	71606.27	60911.64	115450.4
A0A0X9TD	MS-D1 light chain var	9693570	13638590	11449428	11199152	12543686	13722224
A0A0X9US	MS-A6 heavy chain v	109894.9	142317.1	126495.1	98997.34	35044.07	40341.87
A0A0X9US	GCT-A4 heavy chain v	133615	114901.1	897054	139793.2	89967.3	297804.7
A0A0X9UV	MS-B1 light chain var	47372.63	79342.22	168009.6	38056.79	65779.49	35878.13
A0A0X9UV	MS-D4 heavy chain v	1176869	1871658	1328855	1877988	1316530	8296637
A0A0X9UV	GCT-A5 light chain va	8586194	10741194	10771289	10693797	11202946	8404120
A0A0X9UV	IBM-A3 heavy chain v	75835.77	263073	114177	170855.9	122533.6	200074.9
A0A0X9V9	MS-C3 heavy chain va	0	28105.88	76032.11	31924.79	51921.45	40959.62
A0A0X9V9	MS-F1 light chain var	801123.4	2839998	1203902	2177400	1706438	1370333
A0A0X9V9	IBM-B2 light chain va	168451.7	366334.1	80575.53	148037.7	178472.5	443940.7
A0A109PP	MS-C2 light chain var	130377.5	1352164	200612.1	1020570	174093.6	787538.6
A0A109PS	MS-A1 heavy chain va	219624.5	237169.3	24076048	30458118	15790871	20149832
A0A109PS	MS-D1 heavy chain v	27246.28	28888.23	14259.84	10821.22	0	2680.559
A0A109PS	GCT-A8 light chain va	995412.2	600128.1	384528	437685.6	1042974	480804.6
A0A109PS	MS-A1 light chain var	1988854	3672434	2666780	1620317	1943845	2029663
A0A109PT	GCT-A9 heavy chain v	39734.18	40751.43	66223.23	62016.09	44573.09	50708.43
A0A109PV	GCT-A6 heavy chain v	236693.5	413137.9	196229	217638.7	345211.7	267304.9
A0A109PW	MS-C1 light chain var	0	102506.2	97471.85	71921.05	16443.61	29230.25
A0A109PW	IBM-B3 light chain va	1062441	1678586	1687169	1176906	1131467	805468.8
A0A120HF	MS-E1 light chain var	569501.9	681318.5	821446.3	261037	251656.9	510452.7
A0A120HF	IBM-A1 heavy chain v	203025.9	132052.2	170700.2	265469.2	245862	313745.6
A0A120HG	MS-E1 heavy chain va	111605.3	94786.66	236375.8	100549.3	119001.5	364593.8
A0A125QY	GCT-A6 light chain va	0	0	329572.1	0	285738.7	0
A0A125QY	GCT-A7 heavy chain v	2022977	1651715	1928524	3235393	2189248	4395950
A0A125QY	GCT-A9 light chain va	1755966	4394083	3570939	2637553	3382513	2541577
A0A125QY	IBM-B2 heavy chain v	2515532	3037551	3959000	1910470	3522983	1496249
A0A125U0	MS-A4 heavy chain va	322841.1	913693.7	76295.13	107243.1	655719.3	247297.8
A0A125U0	MS-A4 light chain var	161455.8	153277.6	139807.6	122559	185794.6	142233.5
A0A125U0	MS-C1 heavy chain va	158142.9	52824.84	160993	52615.45	82283.24	181833.7
A0A125U0	MS-C3 light chain var	0	91573.26	177755.1	144617.7	0	0
A0A125U0	MS-C4 heavy chain va	277213.8	431241.8	461305.3	498155.2	637345	465189.2
A0A125U0	MS-F1 heavy chain va	618052.2	810392.9	798313.9	826310.9	527457.6	385427.7
A0A125U0	GCT-A1 heavy chain v	1368186	3230741	3768491	3146894	1210523	2357053
A0A125U0	GCT-A2 heavy chain v	1035829	677386.1	214193.3	746515.4	792791.9	687398.8
A0A140T8	Tenascin-X	TNXB	28926.13	30626.02	31776.04	23612.42	28635.87	20442.86
A0A140VJI	Testicular tissue prote	398189.7	329352.6	359816.9	378333.1	724486.1	645336.4
A0A140VJI	Testicular tissue prote	42703.8	32277.09	46120.57	31276.98	42693.49	5370.252
A0A140VJI	Testicular tissue prote	13925.91	36755.87	0	7294.837	20856.53	25979.39
A0A140VJI	Superoxide dismutase	28229.64	22070.29	37686.42	21931.88	20913.2	13107.54
A0A140VK	Testicular tissue prote	7070757	4965817	5595744	4154631	4831628	6198444
A0A140VK	Testicular secretory pr	266353.5	239242.6	268738.4	216368.9	284456.1	260316.9
A0A140VK	Staphylococ	SND1	0	0	6676.53	0	0	8474.344
A0A140VK	Sulfhydryl	QSCN6	83816.9	72997.14	83263.58	75742.51	87341.16	73371.61
A0A140VK	Testis tissue sperm-bi	2094677	1550263	2103065	1482485	1578827	1306969
A0A146E5	Mesenchyr	Meflin	0	0	0	0	12515.53	0
A0A161I2C	Lactoferrin	LTF	25174.8	40595.94	34811.4	107107.9	86673.42	18302.46
A0A182DV	Selenoprot	SELENOP	586491.4	481008.7	482184.1	299567.6	542044.4	466062.9
A0A193CH	10E8 heavy chain vari	3546589	5197096	3078583	3475732	2744635	6630225
A0A193CH	10E8 heavy chain vari	77188.59	64131.41	138183.7	55360.56	128366.9	117595.9
A0A193CH	10E8 light chain varial	0	217570.4	0	128020.6	123921.5	0
A0A193CH	10E8 light chain varial	273934	89366.2	35714.73	118670.4	227338.4	399851.4
A0A1B0GT	Uncharacte	C3orf85	4027.489	0	8969.437	4247.701	2372.694	3902.848
A0A1B0GU	Testis-exp	TEX51	3973154	2626320	3207390	1991222	2066213	3965457
A0A1B0GV	Cathepsin	CTSD	21094.3	20944.6	18758.68	20666.78	42079.63	12177.02

A0A1B1CY	Vitamin D	Gc	2628446	0	2196043	2208548	0	9164.629
A0A1C9J6I	B cell receptor kappa		247971.3	283433.1	361504.2	262214.8	237004.2	413098.9
A0A1C9J6I	B cell receptor heavy		821168	1740897	547354.4	1821339	756118.2	487259.3
A0A1C9J6I	B cell receptor heavy		259542.1	411720.7	228757.1	2692124	1364190	225694.3
A0A1C9J6I	B cell receptor kappa		149561.6	298745.1	264495.1	221732.1	204941.2	196348.9
A0A1C9J6	B cell receptor heavy		93306.3	424032	183448.1	217142.5	254910.8	237569.8
A0A1K0GX	Globin C1	GLNC1	2403465	865643	2660839	1352362	1844180	2247191
A0A1L2BU	Anti-staphylococcal e		129746.4	292244	110590.1	58331.99	107299.7	95031.65
A0A1L2BU	Anti-staphylococcal e		456615.4	625532.6	488375.5	639138.6	677425.7	524180.7
A0A1L2BU	Anti-staphylococcal e		289739.2	486252	173088.4	155753.2	367498.6	100267.8
A0A1L2BU	Anti-staphylococcal e		14768.23	84783.73	28565.58	46372.5	42803.32	17755.81
A0A1L2BU	Anti-staphylococcal e		731612.4	1071558	1323576	1783195	1188031	1289396
A0A1L2BU	Anti-staphylococcal e		145078.6	130661.5	102405.5	125695.5	99760.51	73578.67
A0A1L2BU	Anti-staphylococcal e		35759.44	468956.7	70693.57	98479.91	550121.1	103563.5
A0A1L2BU	Anti-staphylococcal e		65554.98	62950.14	21101.73	0	0	26464.64
A0A1L2BU	Anti-staphylococcal e		0	29238.82	0	15110.15	20353.61	0
A0A1S5UZ	Talin-1	TLN1	532822.3	36433.5	11253.88	31952.51	1364793	44734.41
A0A1S5UZ	Target of N	ABI3BP	28750.1	28629.21	18279.71	23634.67	33628.08	18493.84
A0A1S5UZ	Receptor-t	PTPRA	13744.22	16968.63	27149.8	21861.62	67027.52	8142.338
A0A1S5UZ	Macropha	MARCO	17335.8	15514.99	13314.67	0	19603.24	0
A0A1U9W	Insulin-like growth fa		6224.015	0	17602.8	12404.42	15878.64	8624.972
A0A1U9X8	C2		601744.3	458066	595889.9	367081.9	439161.5	528901.8
A0A1W2P(	Fc of IgG l	FCGR3A	41049.41	54878.33	40218.26	24772.11	36835.48	67954.48
A0A1W6IY	N90-VRC38.08 heavy		392663.8	961591	586611.4	748724.4	344977.5	498474.9
A0A1W6IY	N90-VRC38.07 heavy		572551.9	825945.6	579065.5	847843.1	406870	744353.1
A0A1W6IY	N90-VRC38.10 heavy		770538.1	714751.3	295116.3	223456.8	340819	192611
A0A1W6IY	N90-VRC38.04 heavy		74601.05	1455483	414924.6	536512.9	526639.1	153279.6
A0A1W6IY	N90-VRC38.03 heavy		611801.4	585466.3	546068.3	615222.4	662851.9	331706.4
A0A1W6IY	N90-VRC38.09 heavy		343621.9	528758.6	641687.8	738044.1	541428.9	453316.4
A0A1W6IY	N90-VRC38.05 heavy		219715.5	22986.53	48225.71	19984.61	47770.48	306265.2
A0A1W6IY	N90-VRC38.03 light c		52855.13	86080.36	23585.39	184309.4	62379.87	35519.32
A0A1W6IY	N90-VRC38.11 heavy		2788583	2988644	1624386	2056475	3819652	4047727
A0A1W6IY	N90-VRC38.06 heavy		506633.8	259459.9	0	0	299362.1	752378.8
A0A1W6IY	N90-VRC38.05 light c		0	53022.05	0	89212.97	117223	0
A0A1W6IY	N90-VRC38.01 light c		169384.2	260533.8	137460.5	307283.3	615344.7	1131195
A0A1W6IY	N90-VRC38.06 light c		219514.6	478746.5	898128.4	211339.8	350387.8	1523982
A0A1W6IY	N90-VRC38.11 light c		646702.2	1395663	270399.2	439153.2	1709492	1171025
A0A1W6IY	N90-VRC38.09 light c		253578.9	288635.3	290890.6	1172421	1700443	539789.6
A0A1W6IY	N90-VRC38.07 light c		161319.9	258362.2	175930.6	309100.1	452488.8	533485.5
A0A1W6IY	N90-VRC38.08 light c		107677	171116	237222.6	107476.2	197426.7	638355.2
A0A1Z1VX	CD44 prot	CD44	152317.5	127633.1	98675.21	102169.3	123593.2	80672.97
A0A223FL(	MHC class	HLA-A	0	0	4991.571	0	0	64348.03
A0A248RG	40S ribosomal proteir		23108.38	24621.06	20408.12	21548.39	30150.69	32569.48
A0A286YE	Immunogl	IGHG3	30165668	35950988	32434816	16543170	16942030	14855433
A0A286YE	Immunogl	IGHG2	60882208	72627928	27374074	67929320	67886776	47151564
A0A290WI	Hepcidin a	hamp	29125.61	11867.35	0	11841.28	10850.36	0
A0A2R2Y2	Tropomyo	TPM3nu	15311.51	12013.83	10002.2	13051.52	12309.76	10217.54
A0A2R8Y5	Protein 4.1	EPB41	0	6191.732	0	0	0	5927.111
A0A2R8Y5	Radixin	RDX	0	101396.3	81079.05	24447.74	231561.6	0
A0A2R8Y5	Tropomyo	TPM4	58159.62	10462.55	5446.87	40995.32	55720.58	22261.78
A0A2R8Y7	Uncharacterized prote		18332.71	30078.15	18535.3	12218.76	25388.14	40864.37
A0A2S1ZA	KL4-1 (Fragment)		0	23316.35	34663.8	20622.62	43655.97	28294.6
A0A2U3TZ	CD59 glyc	CD59	2938.565	0	1457.619	2003.412	2695.108	2116.161
A0A2U8J8	Ig heavy cl	IgH	0	156406.4	0	0	0	0
A0A2U8J8	Ig heavy cl	IgH	46315.8	54781.98	126282.9	69607.48	0	71424.44
A0A2U8J8	Ig heavy cl	IgH	186456.4	123250.9	85309.74	72794.77	219747.2	120840.6
A0A2U8J8	Ig heavy cl	IgH	0	0	5776.362	0	0	0
A0A2U8J8	Ig heavy cl	IgH	519220.1	645356.4	378021.3	399243.6	116232.5	347973.8

A0A2U8J8I	Ig heavy ch	IgH	129460.8	184391	113978.6	128989.9	359743.4	141107.5
A0A2U8J8.	Ig heavy ch	IgH	0	61142.18	78765.83	69596.85	78685.55	157029.5
A0A2U8J8.	Ig heavy ch	IgH	3447560	5678065	7432544	8148280	4218745	6516126
A0A2U8J8.	Ig heavy ch	IgH	163590.1	425381.8	194184	326151.7	264069.1	418341
A0A2U8J8.	Ig heavy ch	IgH	627705.2	1620749	800285	1073683	1064387	1925435
A0A2U8J8I	Ig heavy ch	IgH	152028.3	189852.1	149539.6	172917.2	111802.3	42904.42
A0A2U8J8I	Ig heavy ch	IgH	83002.31	120453.6	153761.8	132392.9	73496.85	242458.4
A0A2U8J8I	Ig heavy ch	IgH	0	7840.846	8888.253	7196.861	4364.542	0
A0A2U8J8I	Ig heavy ch	IgH	263797.5	222453.9	457480.9	198231.3	174145.4	326665.8
A0A2U8J8I	Ig heavy ch	IgH	221658.2	1079276	944840.9	168244.1	642781.1	1598409
A0A2U8J8I	Ig heavy ch	IgH	0	195860.1	220493.9	229443.1	120951.9	250031.2
A0A2U8J8I	Ig heavy ch	IgH	41063.39	76216.74	132782.7	109814.7	19050.29	95005.09
A0A2U8J8I	Ig heavy ch	IgH	35421.65	60136.28	88480.26	6561.729	0	35294.43
A0A2U8J8I	Ig heavy ch	IgH	1570517	29016.11	787101.6	209155.3	651800.3	6746196
A0A2U8J8I	Ig heavy ch	IgH	50863.21	111991.4	50025.73	81598.55	50239.83	117491.7
A0A2U8J8(	Ig heavy ch	IgH	42398.1	55364.79	40378.68	126324.2	60027.63	69615.45
A0A2U8J8(	Ig heavy ch	IgH	313697.6	155719.7	89224.42	51843.95	0	0
A0A2U8J8(	Ig heavy ch	IgH	1575772	1988013	1589472	1351980	2177472	2155110
A0A2U8J8I	Ig heavy ch	IgH	136728.3	221884.4	166700.3	290853.4	183440.8	62110.6
A0A2U8J8"	Ig heavy ch	IgH	17433.09	23683.01	10025.94	14228.22	8720.881	0
A0A2U8J8"	Ig heavy ch	IgH	0	64001.66	31078.31	36985.51	38360.7	94560.08
A0A2U8J8I	Ig heavy ch	IgH	10493.23	10171.28	0	115260.6	28669.13	3146.786
A0A2U8J8'	Ig heavy ch	IgH	202896.4	274074.2	190908.5	228436.5	294334.5	255227.4
A0A2U8J8'	Ig heavy ch	IgH	700144.3	606866.2	386554.7	459434.8	1245417	642590.3
A0A2U8J8'	Ig heavy ch	IgH	238181.3	173661.6	368469.2	170852.5	257456.2	393231.5
A0A2U8J8'	Ig heavy ch	IgH	16757.72	0	10564.75	0	0	26680.21
A0A2U8J8Z	Ig heavy ch	IgH	2448988	3164284	5044518	3119394	3051457	2922767
A0A2U8J8Z	Ig heavy ch	IgH	391468.7	435227.1	346952.2	170582.5	173090.8	217042.4
A0A2U8J8Z	Ig heavy ch	IgH	523197.7	516281.8	317154.6	355658.9	267018.5	353037.2
A0A2U8J8'	Ig heavy ch	IgH	1342127	2817630	129334.8	2308388	2620918	3264814
A0A2U8J8'	Ig heavy ch	IgH	482334.9	1168244	802948.2	1065857	915523.8	1699143
A0A2U8J8'	Ig heavy ch	IgH	32829.94	53562.56	89219.9	111693.3	162604	110029.3
A0A2U8J8Z	Ig heavy ch	IgH	57008.33	100351.6	35676.96	55019.5	70788.02	30993.2
A0A2U8J8Z	Ig heavy ch	IgH	6257	46614.08	0	4497.743	0	9054.662
A0A2U8J8Z	Ig heavy ch	IgH	343531.4	212049.9	342400.5	204820.8	332355.6	115367.2
A0A2U8J8Z	Ig heavy ch	IgH	277413.3	414960	391983.4	436745	451797.3	241422.5
A0A2U8J9(	Ig heavy ch	IgH	0	115742.4	76078.77	40559.61	75831.44	0
A0A2U8J9:	Ig heavy ch	IgH	0	0	168670.8	260396.2	0	0
A0A2U8J9:	Ig heavy ch	IgH	87336.55	99069.66	171485.6	147127.7	46222.39	98731.35
A0A2U8J9:	Ig heavy ch	IgH	24930.55	98260.93	28762.65	41795.82	43514.91	127000.6
A0A2U8J9Z	Ig heavy ch	IgH	707743	1495634	949316.1	2032729	763905.1	767891.5
A0A2U8J9Z	Ig heavy ch	IgH	126918.1	0	215458.9	194465.4	243097.3	154146.3
A0A2U8J9Z	Ig heavy ch	IgH	638838.9	1154517	346357	1313252	366196.9	133486.3
A0A2U8J9:	Ig heavy ch	IgH	11416.04	10152.66	9420.195	13344.65	12585.23	14701.82
A0A2U8J9:	Ig heavy ch	IgH	117296.9	94689.87	51759.2	204262.1	64359.72	620314.4
A0A2U8J9:	Ig heavy ch	IgH	0	0	10219.49	31106.18	29058.58	16094.13
A0A2U8J9:	Ig heavy ch	IgH	927243.8	1041655	425757.3	608232.1	553656.6	356658.6
A0A2U8J9:	Ig heavy ch	IgH	343789.5	506408.3	351589.9	13240.26	475613.5	402011.6
A0A2U8J9:	Ig heavy ch	IgH	5616540	10114599	7168186	7099413	6354454	13318190
A0A2U8J9:	Ig heavy ch	IgH	454566.8	250590	325838.4	231961.1	423308	409794.4
A0A2U8J9:	Ig heavy ch	IgH	188739.6	575089.6	819883.1	757949.5	664848.7	385865.3
A0A2U8J9-	Ig heavy ch	IgH	1411082	455129.6	461515.7	595433.7	327595.7	3097938
A0A2U8J9-	Ig heavy ch	IgH	231494.2	134585.6	214765.7	117980.5	84055.9	486791.3
A0A2U8J9-	Ig heavy ch	IgH	94041.44	92023.4	111996.7	61082.29	53779.92	71575.47
A0A2U8J9-	Ig heavy ch	IgH	170243.2	130586.6	347804.6	99669.26	124047.5	90222.7
A0A2U8J9-	Ig heavy ch	IgH	330122.5	171120.5	348590.7	244128.5	444333.3	69722.59
A0A2U8J9!	Ig heavy ch	IgH	175975.6	201872	328697.6	145029.2	177504.6	163656.7
A0A2U8J9!	Ig heavy ch	IgH	750202.7	1798861	555493.9	736994	1059597	506838.5

A0A2U8J9!	Ig heavy ch	IgH	695590.4	2181092	563064.8	99231.02	875335	583412.1
A0A2U8J9(	Ig heavy ch	IgH	300776.2	32712.42	75366.16	133885.1	374756.8	59263.82
A0A2U8J9(	Ig heavy ch	IgH	27629.13	0	122819.8	36924.73	70370.86	0
A0A2U8J9(	Ig heavy ch	IgH	1500597	1886179	3028802	3737306	3140958	950706.8
A0A2U8J9(	Ig heavy ch	IgH	6993.839	14413.49	5568.763	11824.89	19347.38	10540.66
A0A2U8J9(	Ig heavy ch	IgH	77417.48	114458.9	0	92270.89	104708.3	94017.84
A0A2U8J9(	Ig heavy ch	IgH	13857.13	90505.11	35818.04	126594.1	52195.95	56439.42
A0A2U8J9'	Ig heavy ch	IgH	0	0	72554.03	0	19528.14	0
A0A2U8J9'	Ig heavy ch	IgH	2364533	1063898	721943.4	714692.7	1163498	1112146
A0A2U8J9'	Ig heavy ch	IgH	74688.41	441170	0	11770.52	0	380730.1
A0A2U8J9'	Ig heavy ch	IgH	45721.32	43908.33	23636.92	30109.27	42355.11	48381.78
A0A2U8J9'	Ig heavy ch	IgH	54413.33	125802	3617.527	8376.963	4861.029	53205.67
A0A2U8J9'	Ig heavy ch	IgH	784774.8	2228278	1200250	1710378	968377	1095833
A0A2U8J9'	Ig heavy ch	IgH	27618.55	237842.4	34399.29	42255.34	54048.75	41573.12
A0A2U8J9(	Ig heavy ch	IgH	40194.68	83204.1	94705.2	33926.15	47050.39	82239.77
A0A2U8J9(	Ig heavy ch	IgH	0	53770.56	61452.19	0	17202.4	0
A0A2U8J9(	Ig heavy ch	IgH	2266927	1006114	783399.4	681093.8	1119419	116393.5
A0A2U8J9(	Ig heavy ch	IgH	310184.5	335839.7	317822.6	522547.8	595177.9	17573.67
A0A2U8J9!	Ig heavy ch	IgH	1248053	2934343	438541	2872029	1251907	2142934
A0A2U8J9!	Ig heavy ch	IgH	260351.1	563199	146310	91582.16	268065.9	221486.2
A0A2U8J9!	Ig heavy ch	IgH	0	0	0	23858.19	0	0
A0A2U8J9!	Ig heavy ch	IgH	13799.93	19968.02	12261.61	19176.03	12668.41	15173.21
A0A2U8J9!	Ig heavy ch	IgH	36657.12	93190.03	23625.42	46084.81	18336.42	110441
A0A2U8J9!	Ig heavy ch	IgH	16047.45	15394.67	102117.3	0	120270.9	311230
A0A2U8J9!	Ig heavy ch	IgH	0	80228.39	26800.2	0	36626.19	0
A0A2U8J9,	Ig heavy ch	IgH	0	64184.02	100203.6	62135.2	117423.5	86642.52
A0A2U8J9,	Ig heavy ch	IgH	0	160493.1	30250.76	34365.14	210933	0
A0A2U8J9,	Ig heavy ch	IgH	11361.73	17859.73	26586.86	11472.54	43642.22	33396.36
A0A2U8J9,	Ig heavy ch	IgH	25245.92	123600.8	16957.21	60258.22	27778.52	102402.1
A0A2U8J9,	Ig heavy ch	IgH	63043.07	126950.4	99291.27	90964.97	71520.93	48248.07
A0A2U8J9I	Ig heavy ch	IgH	245921	444800.5	791294.4	372651	433584.6	469611.8
A0A2U8J9I	Ig heavy ch	IgH	0	59098.9	21901.25	0	0	27424.09
A0A2U8J9(	Ig heavy ch	IgH	15447.99	10470.35	42544.35	7086.25	64433.74	0
A0A2U8J9(	Ig heavy ch	IgH	132810.7	453400.3	256208.9	285966.4	214468	338381.4
A0A2U8J9(	Ig heavy ch	IgH	17086.86	45725.01	12698.18	28160.8	58360.05	8673.208
A0A2U8J9(	Ig heavy ch	IgH	69646.15	66243.88	123646.9	75835.25	49134.16	56481.54
A0A2U8J9(	Ig heavy ch	IgH	105552.4	39522.09	32483.03	24829.16	27131.5	23089.71
A0A2U8J9(	Ig heavy ch	IgH	21657.94	85917.76	27869.33	25346.52	34575.46	27731.45
A0A2U8J9I	Ig heavy ch	IgH	105992.5	162483.7	100508.4	211380.5	142061	237097.3
A0A2U8J9I	Ig heavy ch	IgH	337734	197503.8	215086.4	219420.7	229108.5	174138.2
A0A2U8J9I	Ig heavy ch	IgH	4418.421	38526.16	7276.417	0	13305.91	10944.89
A0A2U8J9I	Ig heavy ch	IgH	66051.97	498644.2	343752	216851	355908.4	278130.5
A0A2X0SF	DOCK2 (Fr	DOCK2	192080.2	239028.7	162017.3	125662.4	0	139053.8
A0A2X0U2	ARHGAP4!	ARHGAP4!	19958.33	8566.229	20449.84	0	31670.61	10151.01
A0A2Y9CY	Ig heavy ch	IgH	252573.1	448959.9	217173.5	304486.7	278998.9	386726.7
A0A2Y9CY	Ig heavy ch	IgH	278646.3	2316512	1588715	4312870	1720742	338526.1
A0A2Y9CY	Ig heavy ch	IgH	512881.6	735911.6	634689.2	503336.7	424133.9	408643.7
A0A2Y9CY	Ig heavy ch	IgH	68805.41	74984.98	52766.1	29287.28	47081.49	23773.88
A0A2Y9CY	Ig heavy ch	IgH	36422.5	58575.59	187117.5	119699.5	76783	30408.52
A0A2Y9CY	Ig heavy ch	IgH	700144.3	1169522	755435.6	899165.3	1107842	642590.3
A0A2Y9CY	Ig heavy ch	IgH	9379.969	65198.5	46889.86	161080.2	83334.36	26274.75
A0A2Y9CY	Ig heavy ch	IgH	213503.3	467679.9	299216.3	410777.9	278659.4	317981.2
A0A2Y9CY	Ig heavy ch	IgH	172881	234304.6	311119	246339.7	138079.8	194824.8
A0A2Z4LC	Corticosteroid-bindin		1306810	1249808	1283918	1162150	1148007	940813.4
A0A346JF5	Fc gamma	FCGR2A	0	7458.678	0	0	6902.973	0
A0A384MI	Epididymis secretory s		9976.826	10063.97	43890.77	39260.54	10250.38	2105.453
A0A384MI	Epididymis secretory s		0	0	0	0	0	125194.4
A0A384MI	Epididymis secretory s		1313017	2376660	2340354	2472107	2562555	3270369

A0A384MI	Epididymis secretory s		14605.1	21427.9	19681.39	9099.024	16778.89	8457.044
A0A384MI	Epididymis secretory s		3658798	3439308	4042391	5492506	8706884	3768721
A0A384MI	Epididymis secretory s		8985.967	27406.45	11307.5	33547.96	27680.76	16771.4
A0A384MI	Epididymis secretory s		46813.38	0	37344.54	0	0	37700.58
A0A384MT	Transgelin		27161.15	9677.372	3278.594	18903.48	26862.17	0
A0A384N6	Epididymis secretory s		935676.3	1177487	1070971	947747.1	1178823	697606.4
A0A384NK	Apolipopro	APOH	8734703	8318722	10175038	6907583	7549953	6618451
A0A384NK	Clusterin		8747857	7116751	7742186	5279620	5748262	7434819
A0A384NK	Epididymis secretory s		14003.57	4648.163	4961.014	12209.07	21054.71	0
A0A384NP	Epididymis secretory s		7947.272	22237.97	15038.3	11679.34	14772.95	8250.385
A0A384NY	Tubulin beta chain (Fr		21635.83	0	0	23316.38	12302.39	12173.61
A0A384P5	Catalase		6537.462	0	7513.708	4935.012	5760.415	0
A0A386NE	Bone marr	BST1	0	21254.03	0	0	12673.28	6887.003
A0A3B0J0F	Adiponecti	ADID	54851.17	159875.2	104639.4	98195.13	34482.64	92953
A0A3B3IQ	Compleme	CFHR2	264298.9	360485.1	204582.2	248203.7	340608.9	71045.01
A0A3B3ISF	Compleme	C1R	2330631	1646662	2060448	1440548	1341870	1186636
A0AVP6	UTS2 prote	UTS2	33666.2	22035.66	0	26419.2	0	33111.7
A0M8Q6	Immunogl	IGLC7	182218.8	230177.2	175242.5	168110.9	246868.2	230429.7
A0N071	Delta glob	HBD	51985.62	22231.93	56288.93	18588.65	50046.68	37106.43
A0N2N3	Burkitts lymphoma tra		577660.3	475629.3	362172.3	388426.1	261314.1	516859
A0N5G3	Rheumatoi	V-lambda-	148786.3	377771.2	209143.1	492356.1	269443.5	160277.5
A0N5G4	Rheumatoi	VH4	210306.5	436752.9	451097.3	397398.5	272253.5	266211.5
A0N5G7	Rheumatoi	VH3	407508.3	247419.1	143662.1	170351.3	113638	171213.7
A0N5T0	V-gamma-	V-gamma-	93483.38	183048.5	129820.3	137588.5	122284.2	106278.5
A0N7I9	F5-20 (Fra	F5-20	23954.01	8992.589	33134.34	0	25199.28	0
A0N8J8	V lambda (Fragment)		67011.85	170909.7	99997.98	103953.2	423565.1	162281.5
A0N8V1	Alpha heavy chain (Fr		3002.032	0	8304.289	0	6405.345	14162.7
A0PJ79	MRPL1 pro	MRPL1	621812.7	428456.3	591622	439813.3	488985.4	714590.2
A0PJA6	TF protein	TF	41674.59	80124.8	81829.33	93954.93	83007.07	93962.59
A2IPH7	HRV Fab 025-VH (Fra		273110.2	163543.2	139010.1	167047	312297.9	81604.02
A2IPI2	HRV Fab N27-VL (Fra		0	86700.44	144554	28176.61	0	14766.55
A2IPI4	HRV Fab 025-VL (Fra		0	44877.32	0	71840.88	0	29644.45
A2IPI6	HRV Fab 027-VL (Fra		348057.1	298697.5	504470.3	471679.3	468017.8	232906.6
A2J1M3	Rheumatoid factor RF		79620.95	27541.4	42926.63	39901.35	55452.71	125867
A2J1M5	Rheumatoid factor RF		76701.34	183715.5	125283	114562.2	154641.4	0
A2J1M7	Rheumatoid factor RF		114665.8	216720.7	179860.8	171413.3	15422.13	14750.93
A2J1M8	Rheumatoid factor RF		750824.9	1840561	2050506	1402421	927938.4	691385.9
A2J1N0	Rheumatoid factor RF		13279.46	23368.04	43680.32	27763.64	62648.25	32287.12
A2J1N1	Rheumatoid factor RF		0	31772.27	16695.64	103726.1	995146.4	0
A2J1N4	Rheumatoid factor RF		321831.6	186874.1	243632	145601.5	231864.9	122362.6
A2J1N6	Rheumatoid factor RF		119672.2	301185.5	191133.1	230406.7	117677.2	248801.1
A2J1N7	Rheumatoid factor RF		2453911	2175915	1011420	1846436	1220596	4108569
A2J1N9	Rheumatoid factor RF		220819.7	146416	119073.8	169795.9	203877.2	147775.3
A2J1P0	Rheumatoid factor RF		89805.42	74273.77	105522.1	163784.6	106489.6	91108.8
A2J422	Anti-HER3 scFv (Fragı		118155.4	31700.41	108034.7	93912.1	101665.3	272799.4
A2J423	Anti-Mpl scFv (Fragm		0	34607.04	25572.22	54012.58	69604.59	46978.87
A2JA16	Anti-mucin1 light cha		1134563	1714963	1395643	1315262	1356936	1905037
A2JA17	Anti-mucin1 heavy ch		308792.3	578334.9	262563.5	525813.8	573312.9	109088.3
A2JA19	Anti-mucin1 light cha		312373.3	1937838	436711.1	135482.8	296885.2	1160933
A2KBC1	Anti-(ED-B) scFV (Fra		0	0	0	0	0	0
A2KBC4	Anti-TN-C scFv (Frag		11786949	17946046	13173691	11927511	14363424	20075244
A2MYE1	A30 (Fragment)		5742061	6355423	5726469	4798551	5016715	5833372
A2N011	Vh1-D-J3-region (Fra		16498.13	11082.94	57549.75	58538.85	36187.69	39072.38
A2N0S7	VH6DJ pro	VH6DJ	0	21680.45	19249.1	0	0	23204.91
A2N0S9	VH6DJ pro	VH6DJ	0	38036.77	21372.7	0	0	21854.92
A2N0T6	VH6DJ pro	VH6DJ	0	0	0	0	92370.48	321743.8
A2N0U4	VH6DJ pro	VH6DJ	0	73366.73	22494.68	0	9220.687	53756.52
A2N0U5	VH6DJ pro	VH6DJ	0	69515.21	22405.57	0	0	0

A2N2F4	VK3 protei	VK3	267233	466076.1	609084.2	430876.1	284334.8	242979.5
A2N7P4	Immunogl	IGHM	99472.23	122607.4	193470.1	112191.8	251506.5	224356
A2NB43	Cold aggl	IGH@	35782.43	26137.37	59196.72	23638.71	27912.21	27240.83
A2NB44	Cold aggl	IGH@	144255.7	230409	474400.9	144951.2	120217.4	101504.5
A2NB45	Cold agglutinin FS-1		114109.5	770848.3	132824.6	431479.9	870207.7	581600
A2NB46	Cold agglutinin FS-2		0	21464.28	14212.51	3904.222	22162.26	3873.826
A2NI60	BRE (Fragment)		0	0	65085.91	31449.04	105573.2	40631.85
A2NKM6	NANUC-1 heavy chai		29322.11	81380.49	29983.52	26010.47	193579.8	51098.63
A2NKM7	NANUC-2 heavy chai		443899.9	785028.6	312764.6	421679.8	808991.2	1095527
A2NUT2	Lambda-chain (AA -2		46361168	61748884	48729028	51751568	45232852	65631636
A2NW98	Rheumatoid factor lig		568946.6	514953.5	458407.9	319423	396166.6	398267.6
A2NWW3	VH-3 fami	VH-3	60493.48	163617.8	69627.91	43189.37	49613.13	79162.41
A2NXP8	Heavy chain variable		389582.4	649576.8	213300.4	478712	666935.1	497855.8
A2NXP9	K light chain variable		0	16215.68	0	29953.62	0	0
A2NYQ7	Anti-folate	HuC4lamb	0	147275.8	124359.7	98823.98	130097.8	453972.8
A2NYQ9	Anti-folate	HuVH8B	1784696	3696068	5753351	546214.6	5043460	2064221
A2NYU7	Heavy chain Fab (Frag		86730.13	92310.84	180184	161527.2	103081.1	82982.77
A2NYU8	Heavy chain Fab (Frag		30403.18	184655.9	151215.1	104781.4	116217.1	33095.21
A2NYU9	Heavy chain Fab (Frag		0	109988.4	85652.09	59611.43	63135.65	69617.67
A2NYV1	Heavy chain Fab (Frag		218470.1	813437.2	686894.1	161253.1	1153090	1273759
A2NYV4	Light chain Fab (Fragr		203753.9	228560.8	367508.8	152982.6	192464.7	281016.7
A2NZ55	Variable immnoglobu		2035201	373287.9	3822675	1968819	3783422	307695.1
A2RTY6	Inter-alpha	ITIH2	8213574	7212006	7199798	4513231	6330485	7461117
A2VDG3	CSF1R pro	CSF1R	0	0	98242.38	0	89154.88	0
A2VDJ4	GNPTG pr	GNPTG	0	0	0	33456.89	0	27603.75
A3KPE2	Apolipopr	APOC3	15487313	14764396	22500340	12330734	18568462	15012714
A4F255	Immunobl	VHCH1	90984.41	265863.9	172060.6	124115.3	190533.5	292009.4
A4FUA5	ANTXR2 p	ANTXR2	0	4382.674	0	3765.358	3801.976	3360.564
A4UCS6	Peroxiredoxin 6 (Frag		15316.43	0	6903.641	5414.808	0	0
A4UCT1	Glyceraldehyde 3-pho		157105.8	280238.3	187261.3	33212.99	201577.5	0
A5PKX5	Alpha-mar	MAN2A1	20329.29	15358.97	18344.39	12401.95	11829.68	16865.43
A5PL27	CP protein	CP	10160034	10404583	9316269	9269865	8603186	8402741
A5YAK2	Apolipopr	APOC4	223962.3	136756.1	272694	234381.3	211741.2	101236.9
A6XGL1	Transthyretin		3810266	2066450	2181729	2589295	2626563	3416538
A6XND0	Insulin-like	IGFBP3	158855.1	80803.8	132092.2	109032.7	127690.2	117005.2
A6XNE2	Complement factor D		230863.7	318756.2	153537	140780.6	221512.3	158383.4
A8K061	cDNA FLJ77880, highl		334896.2	321431.5	284799.7	333618.8	45754.21	397602.3
A8K0R3	Osteoglyci	OGN	0	11210.06	13108.17	8573.847	11539.23	0
A8K104	cDNA FLJ78726, highl		0	34336.22	31128.85	35975.71	29149.48	35913.43
A8K1K1	cDNA FLJ76342, highl		102490.7	106162.2	190547	107015.8	111010.2	103792.2
A8K2T4	cDNA FLJ78207, highl		665899.6	941947	980767.4	1098742	1129393	878661.1
A8K2U0	Alpha-2-m	A2ML1	1043511	1825170	641701.9	1357036	826971.7	2404214
A8K335	Folate gamma-glutan		44467.29	40557.44	46391.57	29513.08	16087.79	11149.35
A8K3I0	cDNA FLJ78437, highl		8539.188	9532.105	19868.51	4990.972	23729.61	14581.45
A8K486	Peptidyl-prolyl cis-tra		31753.77	12539.63	0	25680	16796.89	16248.36
A8K5T0	cDNA FLJ75416, highl		2022068	0	1765825	796684.1	927982.6	877394.6
A8K6C9	cDNA FLJ78037, highl		383170.7	265859.1	350752.4	313797.8	388110.9	221215.2
A8K6K4	cDNA FLJ77565, highl		73538.4	57597.23	42564.26	62307.67	74722.16	60344.24
A8K7G6	cDNA FLJ75763, highl		27476.87	44661.38	27977.32	0	14977.29	7488.688
A8K872	cDNA FLJ77849, highl		2568663	4391475	3128468	3715056	1377439	3917795
A8K9C4	Elongation factor 1-a		0	0	0	0	26678.22	8580.091
A8K9P0	cDNA FLJ78413, highl		15480.16	37595.83	12262.1	27659.6	16046.08	0
A8K9U6	cDNA FLJ76121, highl		14557.78	0	0	0	0	0
A8K9V7	Neuropilin		5457.411	39455.57	16809.71	7499.775	16796.98	26964.21
B0AZL7	cDNA, FLJ79457, high		851002.2	448401.4	986994.6	873338.5	891075.8	918525.9
B0YIZ6	Cubilin var	CUBN	89501.63	98511.59	186766.6	190382.8	189713.1	49644.97
B0YJC6	Vitamin K-	PROZ	66013.39	65972.95	77294.1	102730.2	33445.69	76293.36
B0ZBE2	Angiotensi	AGT	4792785	3515561	4398605	4250149	4113776	4191679

B1AHL2	Fibulin-1 FBLN1	0	0	0	24650.88	40218.57	14394.07
B1N7B6	Cryocrystalglobulin C	1906470	4504333	3323939	4134899	3258151	2834798
B1N7B7	Cryocrystalglobulin C	0	485537.9	511472.5	323014.6	0	0
B1N7B8	Cryocrystalglobulin C	83255.01	0	0	56042.63	34449.3	183113.5
B1N7B9	Cryocrystalglobulin C	808232.1	655950.1	542070.6	1052557	260998	520661.6
B2CIS9	Caspase 14 CASP14	0	24402.57	843.7906	0	0	301956.7
B2MUD5	Neutrophil ELA2	0	0	49497.73	81775.95	84933.04	0
B2R4C5	Lysozyme LYZ	38523.89	97474.31	52196.59	43179.35	33828.02	56198.66
B2R4M6	Protein S100	331990.3	125027.5	60947.46	476845.2	397471.2	136508.9
B2R4R0	Histone H4 HIST1H4L	0	21803.66	13172.48	31066.74	32443.81	72142.87
B2R5G8	Serum amyloid A pro	3522492	3203097	3408494	3466501	2748058	3556651
B2R5H0	Protein S100	0	7564.375	0	0	21998.95	0
B2R672	Extracellula XLKD1	64309.82	53811.55	70244.9	38408.02	78177.02	48554.93
B2R701	cDNA, FLJ93202, Hon	29077.98	19165.75	29643.82	21180.15	42329.83	13556.44
B2R7D2	cDNA, FLJ93389, high	19539.15	11810.98	40276.89	15891.92	20158.08	23812.81
B2R7I0	cDNA, FLJ93451, high	40922.64	87919.32	75363.22	33135.67	59903.77	111974.8
B2R7Z6	cDNA, FLJ93674	0	1445782	419324.2	536900.1	7824.112	6587.461
B2R825	Alpha-1,4 glucan phc	6078.614	0	0	0	0	4269.936
B2R829	cDNA, FLJ93711, high	130141.1	346060.7	315128.8	318801.6	433558.4	191480
B2R888	Monocyte differentiat	515605.6	426889.6	432829.2	326922	403091.5	363450.5
B2R892	cDNA, FLJ93793, high	26105.78	970.1274	0	0	0	32691.67
B2R950	cDNA, FLJ94213, high	487493.3	75435.63	390951.7	174249.3	126355.6	95986.04
B2R960	cDNA, FLJ94230, high	2429471	1892428	2326901	2024531	2427900	1841098
B2R983	cDNA, FLJ94267, high	25312.96	18476.09	17006.9	15909.22	20396.71	6113.818
B2RA39	cDNA, FLJ94686, high	98498.01	32689.98	87797.26	32300.9	56873.55	58021.38
B2RAL6	cDNA, FLJ94991, high	924272.7	574806.6	805329.7	622693	266811	26117.32
B2RBF5	cDNA, FLJ95483, high	17669.44	25153.13	18133.44	24582.98	22550.75	14170.81
B2RBS8	cDNA, FLJ95666, high	103149.6	306343.2	196653.8	267883.4	263425.7	219891
B2RBW9	cDNA, FLJ95746, high	55095.94	48334.64	57423.84	48680.42	39365.38	37458.1
B2RBZ5	cDNA, FLJ95778, high	19242.34	21227.4	572098.6	1131116	9414.586	17666.63
B2RDY9	Adenylyl cyclase-assc	40457.04	0	0	29268.73	28755.32	8552.959
B2RMS9	Inter-alpha ITIH4	16474255	11257079	13438607	10577766	10483786	16270243
B2ZDQ1	Neutrophil NGAL	43311.02	22730.77	30127.64	24822.42	31916.93	0
B3KQF4	cDNA FLJ90373 fis, cl	73779.25	58098.42	51132.63	0	44084.59	28820.14
B3KRN2	cDNA FLJ34617 fis, cl	0	0	0	0	0	17757.9
B3KTV0	cDNA FLJ38781 fis, cl	13309.55	4648.121	4961.009	9421.625	13364.53	7740.561
B3KUE5	Phospholip PLTP	191365	296060.1	202258.4	214819.2	241757.3	265283.2
B3KWB5	cDNA FLJ42722 fis, cl	15709.86	0	22245.13	23787.74	16492.71	14203.72
B4DEW5	cDNA FLJ54049, highl	29432.7	28376.59	23515.79	23789.16	28063.05	29460.39
B4DG70	cDNA FLJ52624, highl	13614696	23268820	8003959	10780209	11489880	22909938
B4DI57	cDNA FLJ54111, highl	144957.7	319116.8	211800.6	209219.1	298046.8	141568.3
B4DJI2	cDNA FLJ53342, highl	21853.07	12276.19	13671.12	9554.192	18673.64	10134.63
B4DLB8	cDNA FLJ52205, highl	22309.67	18132.21	22668.54	17215.68	16067.85	16844.12
B4DPM2	cDNA FLJ55738, highl	50828.76	45237.19	62347.8	46657.84	66464.49	40199.25
B4DPR2	cDNA FLJ50830, highl	1032839	20801406	16424870	2737931	21467640	29277202
B4DQ61	cDNA FLJ56795, highl	0	264636.8	82301.51	0	264269.9	68551.76
B4DQK4	Tubulin alpha chain	17824.83	6489.662	3284.158	14977.18	14733.05	11144.72
B4DR57	cDNA FLJ60818, highl	111811.3	66128.94	96221.52	89299.46	58844.15	354882.8
B4DSX2	cDNA FLJ60144, highl	33819.38	41960.07	41700.2	27819.46	25190.37	22494.54
B4DUH8	cDNA FLJ60163, highl	0	0	20809.59	0	15199.79	0
B4DUI5	Triosephosphate isom	2409469	0	0	3331810	8267.583	0
B4DUV1	Fibulin-1	764403.1	788816.1	872446.6	743047.4	1328531	615906.4
B4DWE9	cDNA FLJ57216, highl	566516.8	268170.6	307971.6	388207.1	415402.2	351128.4
B4E0X1	Beta-2-microglobulin	124518.9	241691.8	134511.7	89379.13	163995	169759
B4E1B2	cDNA FLJ53691, highl	8117788	4803049	4524891	4727793	5047549	6847981
B4E1C2	Kininogen KNG1	16914238	13971466	17075482	12867036	14638887	15646824
B4E1D8	cDNA FLJ51597, highl	340531.8	158832	476698.8	456984.2	1348639	178021.9
B4E1E1	cDNA FLJ51598, highl	1734200	1082891	1258919	1039782	1095178	1661038

B4E1Z4	cDNA FLJ55673, highl	13803479	8521621	11382410	7719557	7639017	8333810
B4E2S7	cDNA FLJ58780, highl	67982.98	79386.23	54307.55	62883.27	65785.66	61502.63
B4E367	cDNA FLJ61564, highl	36502.87	42993.12	44584.94	31496.98	51677.02	25278.69
B4E3S6	cDNA FLJ58413, highl	26961.66	14561.61	11787.32	24041.44	14917.3	21643.54
B6EDE2	Epididymis HEL180	2476361	537970.2	439953.2	2405429	3229611	169122.9
B7Z1F8	cDNA FLJ53025, highl	3177534	1457743	2000883	3831824	1989866	3712027
B7Z539	cDNA FLJ56954, highl	104162.3	0	0	99661.14	295883.3	228190.3
B7Z550	Compleme C8B	1197841	808603.3	1108734	759899.6	634442.5	1343121
B7Z6V5	cDNA FLJ50240, highl	0	0	96676.26	0	84710.53	7735.737
B7Z6Z4	cDNA FLJ5 MYL6	11246.78	0	0	7918.973	32171.18	0
B7Z7M2	cDNA FLJ51564, highl	149507.9	0	279152	0	0	39509.29
B7Z832	cDNA FLJ51409, highl	11611.88	13244.13	10531.9	12025.09	0	6702.577
B7Z8Q2	cDNA FLJ55606, highl	12599979	9366380	10932224	10298349	9979664	20014658
B7Z8Q7	cDNA FLJ53871, highl	0	6763.622	118886.9	0	0	0
B7Z9B1	cDNA FLJ52398, highl	27603.79	35344.21	4193.691	6015.122	24753.42	56352.91
B7ZAS5	cDNA, FLJ79289, high	14840.42	0	0	16518.19	0	12439.67
B7ZKQ8	Podocalyxi PODXL	13326.1	15245.17	0	0	18675.93	11267.65
B7ZKY6	Membrane MME	645974.2	2459406	3891546	4458122	5789594	891070.6
B7ZMD7	Alpha-amy AMY1A	0	0	0	2861.994	3099.198	28499.44
B7ZMJ3	ADAMTSL4 ADAMTSL4	5677.223	7429.736	13265.94	4304.381	7059.849	11482.64
B7ZW00	COL6A3 pı COL6A3	17605.81	18965.7	15007.26	10427.54	13118.24	10070.7
B9EJA8	Mannose r MRC1L1	61896.26	10990.18	14425.19	9186.174	0	0
C0JYY2	Apolipopr APOB	8797236	7317577	6244021	8732367	9729928	7641765
C9J7T9	Troponin C TNNC2	17932.25	11433.57	12115.58	11040.73	11374.65	14517.34
C9JB55	Serotransf TF	4826882	5201522	6151113	5996042	103275.4	111372.6
C9JF17	Apolipopr APOD	907265.9	1173801	1032471	1120725	975035.5	1496166
C9JFR7	Cytochrom CYCS	4060.814	3997.629	0	2482.099	3883.655	0
C9JHR8	Scavenger CD163	5770.427	22777.12	17251.45	3439.878	26161.02	4171.011
C9JKV3	Tissue fact TFPI	7577.741	7844.899	6499.182	5049.49	8556.315	8288.527
C9JPQ9	Fibrinogen FGG	1164100	463791.3	669645.2	509302.5	739259.1	834938
D0PNI1	Epididymis YWHAZ	17480.27	10178	8615.365	13329.53	24344.56	10195.66
D2JYH4	Actin, alph ACTA2	74346.42	70298.66	44381.99	71698.46	71886.82	34986.17
D3DNN4	Carboxylic BCHE	224128.7	346869.4	322634.3	250403.2	271264.4	205932.9
D3DQH8	Secreted p SPARC	9736.474	3246.045	22338.66	0	0	7601.18
D3DQX7	Serum amy SAA1	54875.44	19297.18	508851.8	4406889	1225219	2519011
D3DRP5	Chromoso C9orf19	13556.86	13871.01	7097.943	0	9317.497	10271.98
D3DSM4	Collagen, t COL18A1	14720.03	16408.95	66967.03	55259.91	15793.48	67309.73
D3DU30	Intercellula ICAM2	32239.91	28612.46	21018.12	14851.7	14001.62	29851.3
D3JV41	C-X-C motif chemoki	538650	212757.6	236555.5	349845.3	426292.7	401026.3
D6CHE9	Proteinase PRTN3	10601.93	9596.118	25837.24	25435.33	28369.76	29134.63
D6RE86	Ceruloplas CP	32506.71	33478.27	0	32375.46	29805.07	0
D6RF35	Vitamin D- GC	0	2662796	1163633	1416286	773804.6	1840459
D6RF86	Cadherin-(CDH6	0	378436.3	0	0	0	0
D9YZU5	Beta-globi HBB	3987959	1663940	4413391	2164603	3023222	3419691
D9ZGG2	Vitronectir VTN	21283280	14808977	20834146	15081135	15224487	11761539
E1B4S8	Apolipopr APOB	201499.9	159422.8	134047.1	200634	223143.3	207743.7
E7DVW5	Fatty acid I FABP5	246043.1	81590.68	194974.4	160823.2	32714.79	73324.28
E7END6	Vitamin K- PROC	81207.85	53222.98	88359.97	71891.05	74840.18	67027.79
E7ET86	Cyclin-dep CDKL3	17892.43	4530.409	8995.602	9757.658	6788.588	10743.25
E7ETH0	Compleme CFI	2502200	1875264	2166443	1805130	1543228	1411913
E7EUF1	Ectonuclec ENPP2	18345.82	19488.12	13137.94	15142.09	20433.79	19284.62
E7EWH8	Putative hy HYI	252474.2	190329.4	333154.2	263299.3	196743.8	251465.4
E9KL23	Epididymis SERPINA1	1.08E+08	82235624	82963200	47255620	69160760	1.08E+08
E9KL26	Epididymis SERPING1	22728386	15197700	20224238	14885391	16598293	16744222
E9PK25	Cofilin-1 CFL1	210472.4	468768.3	139861.5	55012.25	4950.139	506761.2
F2RM37	Coagulatic F9	529368.4	363058.2	518498.2	359967.3	345559.3	302410.6
F6KPG5	Albumin (Fragment)	7406472	5708138	4825468	5479779	7148788	5546439
G1FM90	Anti-Influenza A hem	3347982	4422754	5357378	2890563	5026250	2026237

G1FM92	Anti-Influenza A hem		191583.6	135735.6	456743.1	295671.1	305009.4	410632.3
G3GAU4	Anti-H1N1 influenza		6386288	21421712	17800732	7437197	17516824	19654004
G3V0E5	Transferrin	TFRC	33533.51	37407.87	33914.15	31266.88	16809.17	26625.4
G3V357	Ribonuclea	RNASE1	24709.92	54948.8	38719.09	35761.59	58070.26	26890.27
G3V3A0	Alpha-1-a	SERPINA3	0	0	0	0	0	29000.87
G3XAK1	Hepatocyt	MST1	188100.4	172880.7	174284.3	164725.7	190796.1	105386
G4V503	Breast can	BRCA1	57427.58	45658.68	48984.75	23992.96	120437.1	52063.11
H0YAC1	Plasma kal	KLKB1	1174307	866169.7	1193584	996666	1194351	764882.7
H0YD37	Platelet-de	PDGFD	47603.45	42234.14	52058.69	40387.68	19333.62	52018.39
H0YJW9	Uncharacterized prote		50505.17	30523.25	0	0	0	0
H6VRF8	Keratin 1	KRT1	430618	464361.9	2057929	841961.3	616754.5	364818.7
I3L145	Sex hormo	SHBG	305714.6	529067.1	181924.6	235091.9	300695.5	619814.1
J3KNP4	Semaphori	SEMA4B	8136.234	0	7243.711	0	0	14952.28
J3KPA1	Cysteine-r	CRISP3	69309.48	39761.12	30767.07	44081.94	38918.05	19145.99
J3KPS3	Fructose-b	ALDOA	34414.18	22638.42	19620.08	19012.48	25875.36	30250.69
J3KQ66	Reelin	RELN	173387	143452	165762.2	211813.4	155821.9	178940.9
J3QLL2	Dipeptidas	DPEP2	0	7080.41	3753.573	4425.196	7040.417	7769.033
K7EQ86	KIAA0100,	KIAA0100	0	7887.432	0	0	0	0
K7ER74	APOC4-AF	APOC4-AF	4121845	4900548	6696969	3407447	4986158	3310209
K9JA46	Epididymis	EL52	5295.792	68898.54	44758.76	3151.604	3823.226	0
L0R8K6	Alternative	TRIM25	0	13234.23	11244.62	13226.98	10027.95	0
L8E853	von Willeb	VWF	91912.25	180291.3	49928.59	48641.51	126181.4	205675.9
M0QYH4	Synaptotag	SYT3	468601.3	408371.8	300594.6	293357.1	779462.4	1472497
M0R0Y2	Alpha-solu	NAPA	179663.4	16806.21	171918.6	112266.2	131687.2	106043.4
M0R1Q1	Compleme	C3	679008.9	866159.4	1128275	850020	950599.9	524901.3
M0R3C9	Neurogeni	NOTCH3	0	3847.351	2921.412	0	0	3066.522
O00187	Mannan-b	MASP2	149898.8	83348.46	108151.6	78350.11	120212.1	104173.6
O43157	Plexin-B1	PLXNB1	0	32257.75	2654.227	77371.55	74885.56	35986.31
O43286	Beta-1,4-g	B4GALT5	22309.47	18132.25	17278.18	17215.7	16067.8	16844.24
O43493	Trans-Golg	TGOLN2	5788.04	4233.978	3602.169	2503.165	3853.238	3822.623
O43866	CD5 antige	CD5L	1105001	1831046	1364573	697801.3	1131716	1882761
O75460	Serine/thre	ERN1	5371714	3501262	4268720	3395269	2839836	2925960
O75636	Ficolin-3	FCN3	615330.2	189624.8	464857.3	262852.1	306342.6	268539
O75882	Attractin	ATRN	592171	540191.8	575109.6	355987.9	596994.4	385355.6
O95445	Apolipopro	APOM	1570633	1403166	1155270	1701379	1483362	3276704
O95479	GDH/6PGL	H6PD	2554.873	0	0	0	0	10646.87
O95497	Pantethein	VNN1	0	0	0	0	3124.56	42739.42
O95978	VH1 protei	VH1	17655.9	11322.55	21508.27	20019.57	36007.73	24233.99
P00338	L-lactate d	LDHA	39614.68	47690.46	35438.74	47460.48	34822.22	36448.96
P00451	Coagulatic	F8	23592.6	10108.68	0	1058.78	2914.176	21703.27
P00488	Coagulatic	F13A1	148401.9	82165.2	29329.94	70147.92	190260.4	102389.3
P00558	Phosphogl	PGK1	0	0	0	4311.347	46879.04	9255.569
P00734	Prothrombi	F2	5835849	4204474	5518204	4848848	4172792	4246687
P00738	Haptoglob	HP	1.98E+08	1.21E+08	1.21E+08	91295392	81369928	2.26E+08
P00739	Haptoglob	HPR	19641782	21843256	18158428	12026672	11128495	35835624
P00742	Coagulatic	F10	329863.8	173430.4	285264	202604.4	187540.7	254993.7
P00747	Plasminog	PLG	6286134	5283685	5907745	5076838	5028445	5840369
P00748	Coagulatic	F12	921490.8	836851.4	932129.5	1063830	534274.2	691908.8
P00915	Carbonic a	CA1	37025.79	18826.78	39390.37	22825.23	24801.96	41733.42
P01023	Alpha-2-m	A2M	25846040	43888996	16830152	24819768	26028510	33824104
P01024	Compleme	C3	54574288	38838356	44483480	36867064	32542170	50250812
P01031	Compleme	C5	1906681	1319243	1321214	1441734	1431488	1253015
P01591	Immunogl	JCHAIN	3592760	6264274	6197065	2356314	3396060	6215744
P01601	Immunogl	IGKV1D-16	385781.2	328553.6	372039.6	423389.4	385347.4	215858
P01602	Immunogl	IGKV1-5	661778.8	994018.6	1115733	841515.6	624246.1	145465.7
P01704	Immunogl	IGLV2-14	148535.3	332369.4	200398.1	134908	382937.4	215629.8
P01706	Immunogl	IGLV2-11	156928.5	121965.6	571471.6	116099.8	185118.8	308016.8
P01766	Immunogl	IGHV3-13	185766.9	129799.2	130624.4	254461.7	160580.5	150774.2

P01817	Immunogl	IGHV2-5	11459.39	0	48074.59	24187.77	29311.95	27241.09
P01833	Polymeric	PIGR	44447.88	58220.57	81433.7	69872.94	113670.1	28093.67
P01871	Immunogl	IGHM	21005726	29630658	26039798	12304212	22878548	62942528
P02452	Collagen a	COL1A1	10699	11823.24	8290.588	7298.218	12672.81	0
P02533	Keratin, ty	KRT14	182232.3	250401.2	914357	467621.9	394023.5	455536.8
P02652	Apolipopr	APOA2	3584805	19858040	20532498	19239010	2630884	2788169
P02671	Fibrinogen	FGA	53328240	25163764	30707100	37763540	32947284	52430988
P02675	Fibrinogen	FGB	1.19E+08	60902592	79923384	89692488	79450072	1.23E+08
P02679	Fibrinogen	FGG	86895736	46404164	52598776	61147452	59545828	83086816
P02741	C-reactive	CRP	5213936	2505893	3618509	4770053	1845593	1148859
P02743	Serum am	APCS	1060197	649874.3	671442.8	343153	632680.4	364255.2
P02750	Leucine-ri	LRG1	9166065	4668906	6680726	5425588	3748864	6483225
P02751	Fibronectir	FN1	6445693	3254024	3262958	4376822	6928965	8790229
P02753	Retinol-bir	RBP4	3369326	4408466	3941623	2405347	3850586	4618352
P02760	Protein AM	AMBP	4547762	4627216	7341431	3548463	4817394	3733816
P02763	Alpha-1-a	ORM1	80614512	56842332	66017984	58822468	40943560	89367640
P02768	Serum albu	ALB	1.28E+09	1.04E+09	9.4E+08	8.85E+08	7.2E+08	2.34E+09
P02776	Platelet fac	PF4	117068.9	74766.73	78917.75	89287.97	147892.9	113202.6
P02787	Serotransfe	TF	72028648	79178960	81613936	68734880	72941328	1.59E+08
P02790	Hemopexi	HPX	49771736	36922948	40769828	35377060	31948290	58484136
P03950	Angiogeni	ANG	46332.43	53179.72	81202.84	53912.48	41952.07	41909.61
P03951	Coagulatic	F11	169808	119833.5	165158.5	128225.5	141629.8	162699.2
P04003	C4b-bindi	C4BPA	13918997	9415926	11518891	11616998	10563044	10850436
P04196	Histidine-r	HRG	4063974	1952326	3309234	2652491	2940605	4311471
P04217	Alpha-1B-	A1BG	9317861	10487073	11475488	9368939	9632871	12744230
P04275	von Willeb	VWF	562551.9	557235.5	223378.1	573877.6	931334.3	881772.3
P04430	Immunogl	IGKV1-16	749333.9	570859.6	419091	960575.4	1098998	1131213
P05160	Coagulatic	F13B	120720.4	119963.8	110768.5	132133.3	148463.2	98263.79
P05164	Myeloperc	MPO	0	92862.33	13393.28	22021.39	7518.567	63564.42
P05543	Thyroxine-	SERPINA7	592912.3	362967.4	613229.8	464178	452412.8	459061.5
P05546	Heparin co	SERPIND1	3800120	2785444	3182836	2200573	2536457	3519430
P05787	Keratin, ty	KRT8	525346.4	548319.7	2742633	991116.1	718376.2	475234.6
P05976	Myosin lig	MYL1	52601.44	62954.24	55715.6	47827.31	44870.41	58344.4
P06312	Immunogl	IGKV4-1	17458.69	616055.4	148903.6	254671.3	592531.3	38722.4
P06727	Apolipopr	APOA4	1123669	1640343	2537581	2684832	1367434	2254604
P07195	L-lactate d	LDHB	16090.81	46555.36	28566.93	40155.64	44408.52	25036.14
P07307	Asialoglyc	ASGR2	9306.073	25270.48	41019.77	32075.13	5456.507	8748.148
P07357	Compleme	C8A	716868.1	508347.8	746600.9	458584.1	546491.6	451663.4
P07360	Compleme	C8G	827600.8	680072.3	992262.1	809855.9	944287.2	701128.4
P07737	Profilin-1	PFN1	85325.01	0	12660.69	25243.85	48615.7	30647.83
P07996	Thrombos	THBS1	28215.03	17025.62	15171.46	32865.6	37528.53	16053.15
P08311	Cathepsin	CTSG	354950.3	15399.15	15150.43	439142.3	19208.84	0
P08519	Apolipopr	LPA	1470609	3325035	2252835	2112946	2529394	1218544
P08575	Receptor-t	PTPRC	0	0	0	0	124675.4	1002282
P08603	Compleme	CFH	6155923	4506251	5652911	4290026	4755002	4901379
P08670	Vimentin	VIM	11113.83	8950.975	3185.755	15379.47	8281.766	7924.231
P08697	Alpha-2-a	SERPINF2	4531743	3244711	4520499	3698770	3065416	4329207
P08779	Keratin, ty	KRT16	87149.48	16164.89	108817.5	40359.71	0	37605.29
P09172	Dopamine	DBH	22357.76	18454.38	7868.617	46088.35	44752.99	17547.55
P09871	Compleme	C1S	4627655	3724697	4367408	2592195	2673492	2587975
P0C0L4	Compleme	C4A	501157.3	372079.4	211341.6	168308.1	796041.6	143346.6
P0C0L5	Compleme	C4B	13382657	6107268	10616108	10002439	7615706	10104703
P0DJI8	Serum am	SAA1	9356962	2098224	6253297	25801712	6000955	11688973
P0DJI9	Serum am	SAA2	845834.8	265238.4	506389.3	1045201	110548.7	668031.8
P0DOX2	Immunoglobulin alph		544560.7	488573.1	954143	332827.6	375252.4	291711.7
P0DOX3	Immunoglobulin delt		347082.6	457222.2	571023.8	373241.5	496729.2	385842.3
P0DOX4	Immunoglobulin epsi		10336818	14645253	11419164	630964.3	6819408	14722533
P0DOX5	Immunoglobulin gam		128960	440158.5	80961.05	70608.02	171315.9	121092

P0DOX6	Immunoglobulin mu l		0	0	1665530	0	127349.6	0
P0DOX7	Immunoglobulin kapp		25489946	34110412	25837710	30608058	28198312	18114124
P0DOX8	Immunoglobulin lamb		3725390	4388946	5012275	3538180	4191968	4249662
P0DP01	Immunogl	IGHV1-8	77675.94	154282.7	163216.3	132279.8	153448.7	150306.2
P0DP04	Immunogl	IGHV3-43[	45217.16	60660.64	54126.21	43880.71	54706.76	21216.64
P0DP08	Immunogl	IGHV4-38-	0	0	0	321615.3	0	0
P10586	Receptor-t	PTPRF	0	6564.375	8242.472	0	6304.379	4498.033
P11021	Endoplasm	HSPA5	26784.91	19183.8	20200.48	25866	26453.66	20034.1
P11226	Mannose-	MBL2	147321.6	97038.95	132664.7	254967.6	351110.8	109214.6
P12273	Prolactin-i	PIP	3966.667	2990.404	35694.97	0	0	8003.219
P12882	Myosin-1	MYH1	16362.78	15090.73	12844.82	17877.44	14897.26	13800.54
P13645	Keratin, ty	KRT10	94625.7	211132.6	800537.6	458339.3	342906.3	299955.3
P13647	Keratin, ty	KRT5	34092.24	23385.98	107869.6	59272.09	64887.46	37577.07
P13671	Compleme	C6	1432941	872679.8	1191691	1079411	989723.1	1047105
P14618	Pyruvate k	PKM	22592.59	16524.49	8689.287	20553.17	37281.08	16328.53
P14625	Endoplasm	HSP90B1	43744.68	25536.38	38062.94	30706.4	32547.58	12689.23
P14780	Matrix met	MMP9	0	3912.86	11247.23	40663.14	32190.03	5536.853
P15169	Carboxype	CPN1	532276.6	326077.3	456727.6	524441.4	464442.5	711286.8
P15814	Immunogl	IGLL1	203542	454061.8	58173.68	566614.1	89539.25	130643.2
P15924	Desmoplak	DSP	0	6590.14	8441.153	13977.1	0	0
P18065	Insulin-like	IGFBP2	55436.76	84958.98	44603.4	23570.03	52892.88	30148.36
P18428	Lipopolysa	LBP	1556318	778216.1	1084384	1120492	815630.6	708037.5
P19320	Vascular ce	VCAM1	15861.28	28015.86	15341.84	10700.58	11300.5	15488.31
P19652	Alpha-1-a	ORM2	5666543	3019764	3915709	4395888	2758223	4355813
P19827	Inter-alpha	ITIH1	7452241	6298260	7034448	4711520	5514481	7766354
P20160	Azurocidin	AZU1	0	0	0	0	164015.8	0
P20851	C4b-bindi	C4BPB	613000.8	558308.4	657668.9	617217.8	642777.8	519133.8
P21333	Filamin-A	FLNA	22837.62	130938.2	2336.984	17436.21	25202.61	5309.702
P22792	Carboxype	CPN2	1045123	812791.7	1094585	928151.4	987856.8	1083364
P23083	Immunogl	IGHV1-2	4107647	6660133	3074105	3805623	3163972	6414706
P23142	Fibulin-1	FBLN1	232174.1	209909.8	241974.6	179466.6	305466.3	150412.8
P23284	Peptidyl-p	PPIB	10317.06	3985.267	0	3705.398	7078.335	4465.281
P23470	Receptor-t	PTPRG	10919.66	5936.786	10460.77	7959.16	8456.982	6980.843
P24387	Corticotro	CRHBP	6377.203	2605.287	6372.246	0	4572.075	20743.57
P24592	Insulin-like	IGFBP6	30742.38	42257.91	27243.13	23975.2	35569.97	28577.43
P26038	Moesin	MSN	114793.6	27551.89	23274.79	25479.3	31761.76	13519.22
P27169	Serum par	PON1	3393562	2412637	2873541	1701870	2430373	4421320
P27487	Dipeptidyl	DPP4	0	16328.78	16609.42	12998.82	15834.5	11684.83
P30044	Peroxiredc	PRDX5	20725.23	5496.544	22470.68	0	0	0
P33151	Cadherin-5	CDH5	44493.27	73391.23	68562.36	46363.8	57101.31	50277.59
P33908	Mannosyl-	MAN1A1	101964	82001.17	94854.71	65380.8	48087.09	107799.3
P34096	Ribonuclea	RNASE4	27515.38	21133.83	25761.71	22258.58	21476.23	22521.95
P35527	Keratin, ty	KRT9	176345.9	217320.6	728202.7	317546.4	333090	10414.37
P35542	Serum am	SAA4	1688898	774105.4	781994.9	819897	1137243	781505.8
P35908	Keratin, ty	KRT2	32336.42	57332.88	279053.2	195541.5	153219.6	119695.6
P43251	Biotinidase	BTD	268992.1	232087	268725.6	262454.4	220616.4	181912.8
P43652	Afamin	AFM	2079214	1858751	2255086	1828606	1935832	2981751
P48740	Mannan-b	MASP1	135445.4	91761.45	120158	99946.55	131236.8	75123.92
P58166	Inhibin bet	INHBE	0	0	0	0	0	27903.93
P59665	Neutrophil	DEFA1	716223	809436.6	645385	551540.8	468267.5	658926.3
P60709	Actin, cyto	ACTB	787612.9	380611.7	249117.4	551533.9	690129.1	329747.2
P78492	Inter-alpha	ITIL	0	12928.75	10543.09	4557.382	0	8965.266
P80108	Phosphatic	GPLD1	269153.2	298486.5	329871.2	360670	351429.9	308091.9
P80723	Brain acid	BASP1	4666.771	7866.399	5671.876	5568.116	5981.555	5542.201
P81605	Dermcidin	DCD	134322	164811	155368.2	175508.6	121768.7	86327.55
Q02985	Compleme	CFHR3	2407.501	9423.145	0	0	0	0
Q03591	Compleme	CFHR1	1926502	1167763	1394091	1985640	730443.2	978508.3
Q04695	Keratin, ty	KRT17	0	0	54015.84	29989.85	0	0

Q04756	Hepatocyt	HGFAC	453338.7	343434.6	376720.3	344032.7	293804.6	317573.9
Q06033	Inter-alpha	ITIH3	1941269	1359129	1521068	610109.2	930750.4	1138817
Q07507	Dermatop	DPT	0	8094.192	7637.77	0	0	0
Q07954	Prolow-de	LRP1	31873.68	20221.21	17920.45	29808.56	8108.981	6123.036
Q08554	Desmocoll	DSC1	3017.325	0	6094.084	3876.441	0	0
Q08830	Fibrinogen	FGL1	88024.44	19030.54	66808.89	122927.6	111226.3	60996.82
Q09666	Neuroblas	AHNAK	5123.492	3254.181	12146.03	4020.288	14715.76	5748.376
Q0IIN1	Keratin 77	KRT77	0	0	1228860	7794.22	167176.6	448577.8
Q0KKI6	Immunoblobulin light		0	66385.78	40581.46	113739.3	31569.85	34541.56
Q0ZCF2	Immunglobulin heavy		1149017	1124449	2126158	1148967	910320.2	1134453
Q0ZCF6	Immunglobulin heavy		487833.1	443136.1	2705916	425697.8	1779546	1835932
Q0ZCF9	Immunglobulin heavy		81215.08	176518.1	333745.5	758150	566508.5	0
Q0ZCH0	Immunglobulin heavy		1053366	1369343	867053.1	1241828	1516693	1196374
Q0ZCH5	Immunglobulin heavy		56360.99	90801.77	72516.57	163708.1	99795.34	223671.3
Q0ZCH7	Immunglobulin heavy		223973.3	1563896	568432.8	821898.5	1245829	429260.5
Q0ZCH8	Immunglobulin heavy		13998.49	65185.36	56227.09	24632.15	35810.12	7223.419
Q0ZCH9	Immunglobulin heavy		625498.6	960498.8	572574.4	481347.3	409204.3	561038.9
Q0ZCI0	Immunglobulin heavy		111866.4	148024.1	115657.2	180019	160022.5	195522
Q0ZCI2	Immunglobulin heavy		572405.9	970676.8	886546.9	456899.1	424687.5	479597.5
Q0ZCI6	Immunglobulin heavy		2007248	3406167	1355815	2629350	1443808	3223541
Q0ZCI8	Immunglobulin heavy		376791	1042380	235784.2	618574.6	717730.8	107554.7
Q0ZCJ1	Immunglobulin heavy		236043.6	299146.6	238258.4	375794.1	548340.6	182068.7
Q0ZCJ6	Immunglobulin heavy		0	0	272314.3	0	0	11809.79
Q12841	Follistatin-	FSTL1	0	0	4572.474	4546.419	1878.331	1333.663
Q13103	Secreted p	SPP2	93919.66	151158.4	126604.1	90926.94	99659.55	111444.3
Q13201	Multimerin	MMRN1	0	4994219	0	6937.538	2797.553	667051.8
Q13219	Pappalysin	PAPPA	325792.2	269145.3	282513.2	37434.23	304863.6	360039.8
Q13790	Apolipopr	APOF	1042561	598939.7	907238.4	795821.1	687977.4	474759.7
Q14126	Desmoglei	DSG2	0	17821.79	4445.852	0	14566.2	19270.59
Q14520	Hyaluronal	HABP2	886802.7	724713.3	879801.7	547835.6	673093.2	612885.9
Q14651	Plastin-1	PLS1	23400.46	12859.45	16678.13	18097.71	0	12938.11
Q15113	Procollage	PCOLCE	37517.92	34805.64	48860.28	28995.8	31586.1	27496.44
Q15166	Serum par	PON3	801339.6	473369.3	620526.4	336765.7	529263.2	1090464
Q15485	Ficolin-2	FCN2	60481.64	36804.55	48901.41	62371.73	49089.38	149987.5
Q15828	Cystatin-M	CST6	10425.47	0	3112.669	0	0	0
Q2L9S7	Alpha-1-a	AAT	276786.1	332326.8	435672.4	83425.95	149687.9	392183.3
Q4TZM4	Hemoglob	HBB	663228.6	266011.2	861880.9	374230.9	555355.4	508587.6
Q53HT9	Complement compor		0	360477.2	0	0	323917.3	0
Q53YY1	Angiotensi	AGT	457861.8	568317.1	341283.9	623370.6	595639.1	334848.2
Q569I7	Uncharacterized prote		239424.3	313363.1	515550.9	763581.9	960558	703172
Q56G89	Serum albumin		5431749	7038423	4149056	4347964	6313583	6123903
Q5CZ94	Uncharacte	DKFZp781	156843	243746.3	338018.2	161574.1	267892.5	158586.5
Q5D862	Filaggrin-2	FLG2	0	0	4616.4	0	0	0
Q5EFE5	Anti-RhD monoclona		59820.11	60729.79	48093.09	76386.88	61715.84	45349.47
Q5EFE6	Anti-RhD monoclona		91190.72	294571.8	233260.3	185077.5	261088.4	257005.1
Q5FWF9	IGL@ prot	IGL@	8760972	10731377	10152025	8929528	7425942	17714214
Q5IWS5	Intelectin 1	ITLN1	15385.14	33490.86	13815.93	9848.926	28403.51	14385.42
Q5NV67	V1-11 pro	V1-11	443067.1	489809.9	647759.4	437695.4	390431.1	278453.5
Q5NV69	V1-13 pro	V1-13	1258213	1902899	1584778	1203294	2123599	2827908
Q5NV74	V2-14 pro	V2-14	1292343	1222592	951543.1	1829808	1134124	2279660
Q5NV79	V5-4 prote	V5-4	29374.22	207888.5	424385.8	96149.85	0	0
Q5NV81	V1-16 pro	V1-16	9449928	12081037	9592071	7496175	9381406	7245456
Q5NV82	V4-2 prote	V4-2	91991.63	20073.65	79593.21	8910.725	115093.6	239493.2
Q5NV91	V2-19 pro	V2-19	132882.9	188394	254612	194524.7	174400.9	106591.7
Q5NV92	V5-6 prote	V5-6	1181054	948387.4	958453.2	2084594	894541.6	485673.5
Q65ZC9	Single-cha	scFv	813731.1	796633	1056067	1043715	911611.4	1122620
Q68CK4	Leucine-ri	HMFT1766	400081.9	58603.34	558457.4	566285.1	428041.8	612620.8
Q68CN4	Uncharacte	DKFZp686	540079.3	9908237	14684877	640942.5	8232941	19396054

Q68DR3	Uncharacte	DKFZp779	1657721	0	961991.9	1088853	1258875	692479.6
Q68DS3	Uncharacte	DKFZp686	109625.9	33566.17	179012.3	182685	239364.8	61504.15
Q6DHW4	Uncharacterized prote		6008.082	50655.57	21661.22	252170.3	32764.46	20523.68
Q6EMK4	Vasorin	VASN	38567.8	29120.37	31774.12	30593.68	37068.43	28554.1
Q6GMX0	Uncharacterized prote		32199.64	299162.6	173481.3	183508.1	171294.6	108529.5
Q6IN99	IGL@ prot	IGL@	0	0	0	8374.297	0	0
Q6IPQ0	IGL@ prot	IGL@	25533.34	92721.23	48533.83	49325.7	44339.52	76733
Q6LAM1	Heavy chain of factor		161577.5	77905.02	142534.9	148946	73281.59	65756.7
Q6LBV5	DNA rearranged by a		59829.47	44955.49	0	31819.61	32701.57	33215.52
Q6MZL2	Uncharacte	DKFZp686	28228.89	45189.65	59114.45	14066	23691	38180.11
Q6MZQ6	Uncharacte	DKFZp686	1698898	2278890	854498.3	3741660	1405380	1856730
Q6MZU6	Uncharacte	DKFZp686	4867162	8528442	5924677	6648767	5450657	10846584
Q6MZX7	Uncharacte	DKFZp686	15658147	15704199	13844302	16455867	14282807	11473345
Q6MZX9	Uncharacte	DKFZp686	83864.63	130171.2	57785.59	101216.8	82537.41	122144.9
Q6N041	Uncharacte	DKFZp686	7328.644	0	0	87196.99	0	93820.97
Q6N091	Uncharacte	DKFZp686	2709628	5011231	3412425	3343630	3475678	4679724
Q6N092	Uncharacte	DKFZp686	11180483	1211834	5758509	1132206	3361871	5060558
Q6N093	Uncharacte	DKFZp686	196668.4	410547.6	152425.5	262598.9	199064.9	254509.1
Q6N094	Uncharacte	DKFZp686	272961.2	471883.8	334441.8	438965.6	196086	77772.99
Q6N095	Uncharacte	DKFZp686	0	65953.45	0	0	0	0
Q6N096	Uncharacte	DKFZp686	3599.259	24897.35	0	9788.063	0	0
Q6N097	Uncharacte	DKFZp686	106623.2	118903	83680.37	73318.67	367809.7	274864.7
Q6P089	IGH@ prot	IGH@	2210018	3606954	2995207	379885.2	4062247	2125742
Q6P2J1	Uncharacterized prote		0	24206.84	31147.36	0	0	0
Q6P5S3	Uncharacterized prote		88033.54	31426.19	0	0	0	36613.29
Q6P5S8	IGK@ prot	IGK@	618977.2	1123693	901536	1196721	794983.5	659417.3
Q6PIK1	IGL@ prot	IGL@	289650.2	210840.8	430702	158343.6	135323.4	179423.7
Q6PIL8	IGK@ prot	IGK@	508436.8	1061791	727432.3	1046959	724926	761143.1
Q6PIQ7	IGL@ prot	IGL@	135778.1	91947.18	141672.5	70220.4	95239.46	86968.02
Q6UW49	Sperm equ	SPESP1	1757914	2711863	2184616	1285203	1568244	5375766
Q6UWP8	Suprabasir	SBSN	2955.635	1685.186	0	0	155066.9	1083.415
Q6UXB8	Peptidase	PI16	33210.43	40299.23	49251.61	30721.34	35332.63	18203.35
Q6YHK3	CD109 ant	CD109	20225.12	17491.94	9116.04	4352.121	10516.49	13990.55
Q6ZNX5	cDNA FLJ26936 fis, cl		51381.41	83838.24	85356.36	136189.1	55485.73	12417.94
Q6ZP85	cDNA FLJ26301 fis, cl		475779.6	318379.3	486551.7	500122.1	372362	439382.7
Q6ZVX0	cDNA FLJ41981 fis, cl		122671.1	0	145818	35339.59	58489.23	60862.89
Q6ZW64	cDNA FLJ41552 fis, cl		148472.3	17372.44	188724.2	26621.98	16634.28	31711.93
Q701L7	Type II hai	KRTHB2	0	12212.65	0	0	14094.53	0
Q76LX8	A disintegr	ADAMTS1	7951.259	5801.455	5495.756	9498	11091.69	8744.382
Q7M4S4	Granulocyte inhibitory		423373.4	303323.4	498409.5	288579.2	512705.8	1699215
Q7Z2U7	Uncharacterized prote		10495.06	78250.59	127129.6	130232.8	185125.7	139958
Q7Z351	Uncharacte	DKFZp686	5263222	1285052	3228183	581131.8	897403.9	351802.1
Q7Z374	Uncharacte	DKFZp686	33402.96	40946.63	52104.2	46405.72	87736.3	60606.81
Q7Z379	Uncharacte	DKFZp686	270695.5	1592831	483269.4	211494.5	1301676	163284.3
Q86TT1	Full-length cDNA clo		932551.1	2007532	1100473	1272288	2113035	2406428
Q86U17	Serpin A11	SERPINA1	20381.46	18170.63	14130.92	16203.52	23054.94	14955.41
Q86UD1	Out at first	OAF	62387.23	64143.56	59479.76	47574.51	40306.49	72537.84
Q86UX7	Fermitin fa	FERMT3	22969.8	0	12875.95	16054.13	21198.16	8549.277
Q86X29	Lipolysis-s	LSR	0	10457.63	14876.01	8594.125	81181.14	0
Q86YQ1	Hemoglob	HBA2	219034.8	85557.59	134954.7	66901.02	94783.85	5748.799
Q86YZ3	Hornerin	HRNR	0	0	14005.2	10679.58	9160.144	3694.278
Q8IZD7	Anti-thyroglobulin he		200427.1	1917169	358429.1	1751685	1362711	380865.1
Q8J008	Protein C (	PROC	0	0	0	82087.07	88131.66	80569.95
Q8N1N4	Keratin, ty	KRT78	53462.23	2864.983	24410.32	98447.16	51246.8	32504.67
Q8N5F4	IGL@ prot	IGL@	2436584	2264932	3118692	2601158	1973391	2531462
Q8NBP7	Proprotein	PCSK9	16138.02	16152.55	8443.666	11735.12	4972.494	11153.71
Q8NCL6	cDNA FLJ90170 fis, cl		1882225	1718080	1826773	1098280	975580.8	673756.4
Q8NEJ1	Uncharacterized prote		69547.97	217663	70728.58	122472.2	155077.1	5660.883

Q8NF20	FLJ00382 p	FLJ00382	141783.6	23575.38	37949.98	0	0	0
Q8TCD0	Uncharacterized prote		19921972	23607334	19788184	18308650	21875232	26083740
Q8TCZ8	Apolipopr	APOE	0	0	0	78930.99	0	0
Q8WWZ8	Oncoprote	OIT3	53382.83	0	65798.69	2614.946	33955.4	0
Q92496	Compleme	CFHR4	187980.2	227577.6	92345.43	165285.5	151579.8	130894.3
Q92743	Serine pro	HTRA1	13895.92	5436.459	6608.235	8010.88	4117.918	3636.92
Q92859	Neogenin	NEO1	0	19525.61	16363.94	13356.33	23732.3	15052.33
Q96HR3	Mediator c	MED30	61058.49	62231.12	65609.96	92273.82	65531.39	85892.13
Q96JD1	Amyloid lambda 6 lig		161598.9	448154.2	456979.1	271542.1	366496.2	443696.2
Q96JD2	Amyloid lambda 6 lig		0	0	111617.5	32453.13	0	0
Q96K68	cDNA FLJ14473 fis, cl		18696076	11021025	20570824	6258953	11475604	11228674
Q96PD5	N-acetylm	PGLYRP2	1930822	1575215	1737407	1461555	1667794	1528641
Q96QS0	Putative matrix cell ac		31813.05	42490.77	52613.38	35056.66	65602.79	37863.16
Q96SB0	Anti-streptococcal/ar		23545.98	182557.9	60476.78	117931.9	77255.63	39721.96
Q9BWP8	Collectin-1	COLEC11	43118.09	30468.4	47515.74	29733.55	41275.63	36649.09
Q9BYE9	Cadherin-r	CDHR2	23558.06	0	163307.9	0	2067.819	85402.14
Q9H804	cDNA FLJ14022 fis, cl		0	6853.617	0	0	0	5927.462
Q9HCC1	Single chain Fv (Fragr		38783.56	0	92845.81	38135.96	35212.16	291732.4
Q9HDC9	Adipocyte	APMAP	96289.78	86967.63	52839.05	81272.48	100125.1	67525.55
Q9NPP6	Immunoglobulin heav		23138976	27526096	49139400	17996898	24738296	38919108
Q9NSD6	This CDS feature is in		1222058	1451091	1964441	1729517	1352625	1756666
Q9NWQ8	Phosphop	PAG1	2637906	3275420	36896.87	1347557	49457.17	0
Q9NZP8	Compleme	C1RL	254016	219763.6	256734	164937.7	170734.5	150385.6
Q9UGM5	Fetuin-B	FETUB	213792.1	247493.2	184571.3	169261.7	188680.6	209729.4
Q9UHG3	Prenylcyste	PCYOX1	32557.39	50142.18	47034.95	54650.55	57141.13	46147.31
Q9UK54	Hemoglob	HBB	20441.7	0	26832.55	13291.78	15825.42	15549.04
Q9UL70	Myosin-reactive imm		60086.3	33195.66	44824.57	33847.29	94985.44	45313.59
Q9UL72	Myosin-reactive imm		86529.68	264060.6	46769.32	0	191165	212472.3
Q9UL73	Myosin-reactive imm		173403.3	223333.5	220193.3	357788.1	432721.8	87575.77
Q9UL76	Myosin-reactive imm		317732.3	197665.7	125360.7	101225.5	213548.8	123011.1
Q9UL82	Myosin-reactive imm		636538.4	1116080	711108.2	896795.1	564514.4	699005.4
Q9UL84	Myosin-reactive imm		910424.3	1436699	627989.3	1006084	1316437	964156.8
Q9UL85	Myosin-reactive imm		2611878	4758242	5679451	3514012	4492257	2940150
Q9UL86	Myosin-reactive imm		1499133	350395.7	320988.8	240355.5	194503.8	1509417
Q9UL88	Myosin-reactive imm		885499.7	1133176	1007774	920450.3	1264071	946000.7
Q9UL89	Myosin-reactive imm		304811.9	1342356	451703.6	473477.8	770654.3	722155.8
Q9UL92	Myosin-reactive imm		1555808	1554321	1789449	1517615	1376909	2725881
Q9UL93	Myosin-reactive imm		81010.2	78263.81	28213.3	57391.55	116034.7	60460.24
Q9UL95	Myosin-reactive imm		0	31204.58	0	0	0	18331.33
Q9ULB6	Imunoglob	VH	110112.1	115915	247963.6	93494.61	434403.7	253902.2
Q9UNI6	Dual speci	DUSP12	17047.19	21959.51	33964.86	0	14550.8	112137.6
Q9UNU2	Compleme	C4B	293597.3	0	352351.3	0	0	434463.1
Q9Y279	V-set and	VSIG4	0	7543.066	0	0	0	5750.977
Q9Y509	VH3 protei	VH3	460003.7	390021.3	418657.7	747407.9	784885.8	800219.5
Q9Y623	Myosin-4	MYH4	22419.23	57222	24906.57	19656.01	15839.75	15281.91
Q9Y6R7	IgGFc-bin	FCGBP	128912.6	265001.3	115585.8	111066	77507.94	127120
S6AWD3	IgG L chain		1062441	1680900	1685553	1178565	1131467	1484351
S6AWF0	IgG H chain		40293.75	151765	137591.8	43670.53	64621.96	116359.7
S6B291	IgG H chain		241256.8	686133.1	181465	312154.5	469556.6	82659.08
S6B2A6	IgG H chain		351872.1	302694.6	333490	248139.5	248682.8	175097.5
S6BAM6	IgG H chain		7869.441	32683.66	105511.5	38411.09	112319.3	40558.16
S6BAQ4	IgG H chain		2180689	20177440	14994946	2349616	2875388	3079180
S6BAR0	IgG L chain		6577318	14144867	7039595	7342937	7557064	22034528
S6BGD4	IgG H chain		1408696	1839721	2902390	1840269	1768388	3135712
S6BGD6	IgG L chain		2094976	3283224	3024318	2710490	3156195	2181976
S6BGE0	IgG H chain		2218126	3738769	2305427	2713789	2670458	2762108
S6C4Q7	IgG H chain		14787	39460.29	23518.81	0	12393.66	42193.31
S6C4R2	IgG H chain		12681.77	0	27911.73	154501.5	46372.02	0

S6C4R7	IgG L chain	6752703	8442396	5220648	4921789	4666851	10019788
S6C4S0	IgG H chain	43309.92	48420.59	0	26101.8	16482.65	42049.7
S6C4S2	IgG L chain	0	53556.49	0	0	42295.02	88548.13
V9HW68	Epididymis	HEL-214	2.69E+08	3.55E+08	2.6E+08	2.82E+08	2.37E+08	4.41E+08
V9HWI6	Epididymis	HEL-S-51	14053318	11030628	12179010	9199796	5055463	17628330
W8QEY1	Lactoferrin	17664.42	0	0	0	30068.3	0

S7	S8	S9	S10	C1	C2	C3	C4	C5
0	5168.438	4610.224	607112.6	5419.938	6275.985	6608.698	0	6063.45
18683.99	0	10971.53	13005.7	12872.95	8890.184	10945.48	10449.51	17355.46
56225.54	45980.16	60466.07	44473.56	50902.35	40276.8	56873.55	26468.65	60340.82
27248.25	14269.57	0	17545.1	52698.51	32924.27	26486.5	20133.15	22697.13
0	0	26063.22	19827.87	45374.79	0	0	0	54006.68
7483026	5606322	5809978	6986303	7539905	8172608	6696356	8188494	6404614
8497842	10535755	5493888	12194156	12164892	8260691	10817385	19024750	14019765
0	0	2064.058	0	5566.144	0	0	0	0
7604.271	7407.559	8076.867	5131.866	7601.805	9069.271	7520.699	10003.1	22610.92
312580.5	290277.5	196039.2	199236.6	553605.7	400503	422072.4	423930.2	411994.6
3230.777	2962.318	4555.882	26548.49	24761.02	5666.016	0	0	9982.261
25026.1	54578.1	57983.2	56637.66	88594.86	55801.77	57472.77	59808.63	41921.05
11875.85	0	0	0	11825.39	7409.558	147865.4	63355.95	109706.3
436126.9	458055.9	475454.3	801186.3	589742.9	599260.1	439909	479230.5	594760.4
34901.6	14100.41	0	22683.09	4545.37	0	0	19145.42	11441.65
1.16E+08	1.22E+08	1.06E+08	1.03E+08	1.15E+08	86346888	93207664	99048032	1.06E+08
0	3985.485	0	0	8193.789	0	0	10893.32	0
143499.9	30715.48	0	52344.5	71990.61	30426.48	0	52953.43	118233.5
0	3013.984	2147.28	4216.268	7832.993	23373	12903.87	16921.61	17432.33
3015275	1999821	6482652	2274068	5722783	5843595	3442410	1904309	5349229
8143.143	0	0	14374.64	25427.73	0	7271.706	6062.852	9355.395
163538.4	0	0	472463.6	0	158797.6	0	0	0
765943.6	736061.4	784390.4	953415.6	821649.4	821852.4	964163.6	994045.4	901107.4
45752.04	0	0	0	7973.94	102074.8	0	0	0
47249.9	0	58365.93	5378.569	4492.087	1966.547	0	49667.02	52251.83
19050.34	17381.71	22178.13	25266.06	16461.39	28305.99	29952.83	29276	18874.16
263449	262837.8	311082.5	220792.6	348249.7	239973.5	260695.6	305652.6	381560.7
34928.76	0	0	8019.24	0	19268.45	0	0	7250420
888480.9	767129.8	603002.1	650831.9	882602.1	674381.6	621596.7	660691.9	865316.5
147861.1	105627.2	60986.7	72835.77	120537.3	159505.3	131167.7	104756.6	97787.77
45196584	40985492	49861916	52924276	59969616	44416092	43011160	35154824	52860644
5754.734	4779.315	2960.476	2856.85	0	28436.16	22119.04	18308.54	7071.898
0	6031.516	0	0	5332.858	0	5395.334	0	7285.793
31495.53	28698.59	0	0	0	0	0	0	15782.7
48784.82	35249.23	0	0	43985.06	23861.33	30286.08	30870.11	23880.94
7570.207	8802901	7945.51	6463.492	21683.68	0	11067.6	8628.04	11203.87
8820.822	7733.729	12207.13	5288.037	13990.91	8230.573	6345.79	7993.223	6105.777
781061	17791.98	71063.99	107345.7	147771.7	116999.7	141568.8	84527.52	106097.6
0	6769.039	0	4407.908	0	7443.291	8165.792	5132.086	15355.85
69407.45	0	0	0	69104.73	43644.14	0	35942.97	83444.01
40691.71	48965.5	32960.46	87174.13	59683.68	38244.25	46685.66	62202.55	61693.98
14168179	11585552	10177632	10349397	11475144	9089983	8387830	8930022	11856536
0	13579.67	3761.76	305839.9	8989.427	6545.696	5363.403	14827.52	16430.03
17342.7	23406.06	37125.96	14997.89	45817.28	26434.21	6645.655	26535.78	24861.72
90856.09	179514	196188.8	174652.3	154293.5	167855.6	120197.3	207796.9	209347.4
1099188	931472.3	1101668	675943.8	1082848	1435549	1902785	1537966	1131592
11679.43	8345.133	33270.93	7562.492	11945.73	8685.351	6483.001	10512.86	9851.824
2527485	2038063	2838614	1794686	1170167	2116731	1568454	2137859	1400145
2527279	1349372	3017117	1259692	1454372	1701743	1469576	1941749	1407679
66141.85	70897.96	91912.93	71382.77	110483.4	69937.15	67725.71	103357.5	60912.89
0	0	1878.099	0	0	0	615.4468	1121.566	0
15580.25	21667.2	15047.24	13868.89	13441.63	20100.52	17712.53	14844.7	18208.36
9766.278	0	21595.92	17693.12	113005.9	137441.4	20576.68	0	0
0	0	0	0	0	0	27764.39	0	0
18816.32	16641.92	110795.1	15018.07	12285.96	20831.18	23801.98	17916.99	13968.59
5027.695	17067.72	7943.039	4624.074	15871.15	3654.68	0	7656.458	0
20759.04	18798.94	22738.06	28331.69	18312.18	14216.49	9385.113	9854.9	7253.495

0	14083.25	4935.167	0	8212.091	0	9892.592	7029.107	9065.94
50161.19	43218.68	55640.11	48067.52	43978.47	51451.85	53464.46	49363.95	54923.12
14720.2	14436.83	28929.1	17795.3	0	0	8133.507	5723.669	12180.9
3126.429	3048.719	2589.347	0	18014.71	0	10133.66	0	5283.286
13693620	19223340	20175360	14962351	7128895	16891726	8147782	7677221	12207402
1245370	446928.7	889733.4	340363.7	523531.2	253123.3	593582	748517.9	519982.1
84877.45	82935.14	71612.56	45719.43	65966.84	18531.41	43758.45	49714.09	40068.54
2200485	59710.01	145768.7	62497.65	740742.9	101105.7	465463.8	388407.8	349085.8
261097.1	274535.3	260763.2	216106	84796.98	129546.3	170074.2	174491.1	182519.4
315349.9	245547.8	238878.8	245004.5	64114	163922.9	203691.7	202808.7	134360.3
1592168	1692733	2436297	1356497	3192312	4736178	4037417	2327373	5634289
766195.4	940492.9	1505160	689769.1	284557.3	594890.9	416546.8	1793208	591861.8
150520.5	14763.16	0	46505.38	0	33480.52	59350.75	34005.9	0
216044.3	278163	473617.8	184384.6	46842.77	72596.86	329410	157486.3	169858.3
0	35714.64	38646.59	62295.32	50238.72	168672.4	172879.9	125724.4	61729.81
1072796	628632.3	619895	1366900	377055.3	463443.7	362987	190797.7	736631.1
56177.08	3207524	2330783	1009182	1191114	1828361	1206564	1934429	1341383
59098.23	192446.1	279860.6	51284.66	60802.41	95605.6	109333.9	195841.8	122116.5
180371.7	105819.8	172004.2	0	70203.54	160409.3	85946.76	77527.27	187550.4
1135695	1472185	2413350	1146805	1043612	872215.3	3565283	1346387	1129389
1350236	79453.41	46390.19	0	0	8701.188	1971510	4797234	1915964
94492.15	76735.9	156366.8	23132.49	17377.77	36081.97	68370.58	33913.22	29817.05
386215	286704.1	365456.6	443732.3	190722.6	177488	239691.1	152261.1	348610.4
243570.9	0	504168.5	102165.4	64988.59	108283.7	380831.1	126658.8	142774
3665802	2654622	4838451	3717075	1980861	2144879	944414.2	2333776	2325232
19203.46	0	11676.49	0	0	0	17347.53	13520.96	14580.41
130530	99513.98	18530.46	0	0	0	83903.08	40356.63	50742.08
245841.8	182406.5	172463.5	119977.1	17741.38	115643.5	169064.9	30470.71	65911.63
0	0	0	15996.56	0	16054.87	13018.81	0	0
0	271458	320007.5	560016.6	141163.2	316579.8	34245.57	0	249885.5
517584.6	559347.7	500275.1	649128.6	49113.73	525032.5	354876.3	304899.6	486544.1
66987.03	103459.4	270463	15435.85	32317.35	38137.42	63067.23	189854.5	112058.5
141204	340279.6	402283.8	124920.4	142766.3	165090.7	176774.7	168640	150104.4
940744	845709.3	573036.9	549945.7	415054	718682.3	1083590	376498.4	1052717
200940	229536.8	337897.7	157704.9	0	134333.8	87839.72	171846.3	204874.9
351018.3	344164.1	293263.1	247726.6	271811.3	357687.8	279553.4	244971.1	371161.8
1263511	901429.6	1147651	1160044	977503.4	932048.4	701683.1	773023.1	884115.1
82061.16	181968.2	76956.27	201391.9	182818.9	206399.1	79901.13	47047.59	0
7291.829	6168.638	5589.869	164980.9	7702.59	3361.966	20718.29	0	6789.674
9608.155	6978.067	6847.047	5470.994	0	0	0	0	0
19670.38	19446.43	0	0	10757.12	0	8523.059	12290.63	5163.794
17884.94	16730.13	19310.68	5165.086	15883.21	3114.028	6485.791	4101.77	10424.7
0	0	0	0	28210.49	456840.9	0	16499.92	0
14965.9	0	1426744	1298544	6893.896	61082.27	0	0	0
22584.41	35931.36	29597.13	19138.32	33348.9	20799.28	24810.14	23418.21	34324.36
26744.92	53270.44	80071.91	56903.27	20658.58	93703.72	84814.63	91757.32	64159.52
12215.46	0	0	9421.718	0	0	12242.74	0	0
296608.9	382080	433625.6	405108.3	309092.9	318839.5	251550.8	357097.5	373829.1
70485.05	0	0	0	0	58827.1	0	0	52006.93
26148.74	21234.21	32108.47	30997.68	41874.9	34681.18	33892.6	55866.96	30316.65
373951.3	343494.5	221598.4	315455.4	307751.2	331234.9	261903.2	398302.7	327972.5
315742.8	284149.1	321484.3	918843.7	205986.7	0	69704.39	188477	208415.8
192880.9	89411.53	220653.2	187547.6	9130.688	130785.4	44896.14	21505.73	141664.8
1392404	5160936	1057538	1474481	133952.4	661810.8	372295.2	707138.8	494012.6
30922956	21926274	27668272	23092352	29706708	26260528	25308380	19118184	27036752
0	0	0	0	19054.83	51978.16	38830.4	24774.18	26633.23
3071903	4506.309	1607318	859968.1	4690975	6986.923	0	3741.365	0
431488.5	3832.692	82737184	68864896	7299.424	31025684	27279762	1457038	29573576

1057179	3266217	2466978	320075.5	408014	533070.6	1691522	482155.2	970490.3
391888.6	624097.6	398020.6	577646.1	232424.1	486652.3	463287.7	398388.6	585980.2
6819237	1931582	1940524	1045015	997252.4	1511807	2331631	2266854	6731068
62327.24	15985.15	25028.75	67107.69	64143.21	69964.97	71805.91	45939.18	23308.59
88610.23	63508.76	134629.7	64887.1	32833.79	64501.89	87779.02	55704.11	63584.65
4929132	3434953	4192947	2334187	2561251	2006685	2211785	2758660	2311957
414902.3	371040.8	409926.4	237643.8	345312.4	0	179803.9	0	0
90551.83	211608.9	652714	102952.1	104741.9	2667.4	329331.1	287348.5	584902.8
1247630	1467119	1556020	409902.9	501953.9	806347.9	713255.7	480161.3	570670
24925874	17932014	24041214	15647562	7678179	10202331	10258835	8773249	7682805
70910.1	140023.7	269147.4	23531.08	12324.42	63455.27	53703.5	189795.9	123127.7
53049.7	56710.13	147515.1	137668.1	72549.23	72423.27	68229.97	88543.09	52153.79
33671.16	0	139229.6	78876.34	37939.95	58130.77	100486.6	56698.04	2817.517
0	6795.371	5967.538	15360.05	29107.89	7593.743	7591.528	9718.31	11862.03
45995.39	35681.25	27966.33	77965.72	47465.54	91839.7	49946.11	29303.57	41544.17
66052.04	56471.92	29180.1	28976.44	46256.79	32812.45	55053.28	34483.91	59504.55
8679601	27744948	7010154	9059592	3443557	4799634	5576472	4767606	4191749
324151	117724.9	299011.7	323264.9	113813.7	91348.41	90907.99	147181	164421.5
121908.7	412285.8	169385.6	84911.35	10789.53	67555.66	175884	149594.4	81818.85
81366.43	72583.25	85351.1	0	3315.603	70770.96	62655.44	120820.9	51746.88
1868218	2014557	3638972	2265879	2366744	2468908	2287598	2717643	2394099
463112.6	509813.6	541576.8	463864.3	349760.4	285184.2	238116.8	632226.1	304122
0	0	32754.69	24752.65	0	0	0	0	90960.43
13374.69	1410439	113320.3	535125	182700.9	924767.2	1395782	847256.8	924915.3
3390289	3595464	4465264	2362009	1603469	2040110	2041037	2073281	1998825
0	130231.9	71700.34	27385.33	274104.2	217623.2	92357.31	44726.31	524034
22447.25	17707.36	28521.97	16102.7	29360.37	33001.31	20353.18	30907.87	31707.67
100574.7	130726.9	113644.7	48016.83	69637.73	105121.6	90995.55	131229.3	28746.44
2884591	2248033	2848291	1462681	417938.1	2829514	1533566	1497387	1944423
41174.88	0	61722.83	21256.26	27615.72	49491.88	0	11372.68	27409.99
840146.4	387694.3	2119301	968003.8	1136678	1854520	1046782	457894.1	1392356
160634.5	115259.6	27678.14	72406.95	26330.19	65330.8	26931.67	68314.67	55830.51
33547.04	0	139229.6	78876.32	37939.96	58125.52	100647	56698.03	77322.11
0	0	0	92788.66	148147.4	152150.9	89289.41	0	128965.1
1037351	2061909	1336430	1407437	1579524	1513885	2069500	2796549	1077815
96634.28	117404.6	56808.41	53366.2	54039.58	48172.8	45679.26	21875.54	47413.29
0	34389.28	42541.15	0	0	0	0	0	10292.06
5862.678	47507.82	49125.73	33268.93	0	14064.94	51169.91	0	8003.935
799284.7	1012433	495826.9	613461.9	663194.1	998264.5	1435701	1107301	1341805
487061.9	1424246	1751781	298463.2	543618.2	1172904	1504998	1791140	361181.9
120550.3	180101.7	296861.2	651763.7	104290.5	316850.4	174351.5	118381.2	172958.1
33140.59	19175.5	31476.52	27859.11	32748.23	24139.34	12619.94	31473.91	35167.04
154758.9	120179.9	157330.1	144475.1	207166.2	100530.8	201240.5	122792.2	116858.4
335031.9	38301.51	45523.08	66313.01	77101.02	55758.71	0	164563.7	60985.18
329074.1	99198.09	280759.3	219508.7	58299.07	385231.4	113780.7	103602.3	130924.5
0	178953.2	147446.6	47328.07	36426.49	95060.28	108050.3	29006.37	23316.23
3312084	4562812	3485042	6052485	6480620	3492443	6008977	11702082	8202649
52623	52058.81	68841.98	45508.97	34911.74	44003.48	43184.96	23392.42	52747.03
90101.03	183292.2	122997.8	104788	75358.8	402154.8	71098.88	241471.8	64248.77
13932.99	242184.8	18219.2	12887.02	105284.1	146938.4	76507.45	273669.1	307529.2
174301.5	130944	129113.8	153023.3	183328.9	238447.3	257517.5	243305.2	169928.4
140601.3	182333.6	201133	135636.4	194107.2	131558.1	129339.8	128033.4	146122.8
647742.2	713964.3	594619.3	874314.8	1126208	882732.5	809905.3	1034871	927552.1
61688.16	37800.78	32403.66	22189.95	48635.04	60560.82	62765.72	46513.94	35708.3
439794.3	509547.9	469095.5	459167	630847.3	538680.5	503229.5	590235.5	570688.1
59282.34	28520.39	51879.17	30024.49	0	6853.751	61909.96	0	4401.69
217313	190367.2	577003.1	519513	0	563239.6	704038.6	925602.6	0
0	14996.93	0	0	0	28080.53	0	14400.46	0

808752.7	690578.2	806687.1	1345366	197383.4	413931.9	700062.9	634890.3	745105.8
217311.5	57617.24	218132.2	122615.4	162077.8	223677.2	121592	61624.94	244329.4
22580044	21678870	16345270	10848115	12294697	10746660	20723374	16355691	15513949
88150.53	218305.6	103909	40956.08	49223.54	203225.1	199322.2	132392.3	88308.24
23938364	13675740	21705300	16329262	9941674	15310172	11906249	12450123	12726611
72989.94	93210.65	78588.55	61605.09	52472.82	100507.1	79646.16	114192.9	131839.2
113027.5	73998.38	110952.7	88323.7	65636.79	59790.18	36884.77	112256.9	71860.34
82136.82	181527.3	167550.2	132612	27480.41	97697.19	54198.73	50546.45	63291
6618542	6561755	6346815	1336305	2014944	2858891	2793306	3132710	1093246
7880675	11291925	18712816	9088400	6730545	10130114	13467226	8079230	9849422
133361	242113.7	281135.3	290944.5	82585.6	201006	254012.7	322624.2	269690.4
32228.39	31560.12	54324.84	50250.28	49710.56	20891.95	20346.93	22577.94	76480.06
4756809	1633609	1380622	810797.5	1635529	838607.8	1635095	1172839	2337773
384265.3	198676.4	232878.1	164038.3	156831.5	117632	124272.5	314377.1	75012.51
1738844	203402.6	1707289	1839862	153250.5	749657	242800.1	104386.9	115811
35540500	38384556	70575024	37085732	11255083	14946918	448584.1	19201532	18215534
0	24531.64	29213.93	17994.06	44206.5	0	8800.663	14280.03	14348.94
1456765	1516225	1927293	694147.3	218001.3	651926.4	579573.1	459513.8	514819.4
3104891	2812645	2636425	2759859	2063277	2816694	2167226	2706350	2894479
55950.61	75983.48	94567.09	154144	37118.21	48747.59	102543.7	87036.73	44344.45
285942.5	429651.4	457304.8	274054.6	149565.1	234797.9	187612.9	292927.5	286290
6998.947	592553.6	70280.06	90140.82	26678.22	100367.5	56487.63	31835.39	157074.5
2394233	1393232	1530254	2268646	1358642	1933428	1155109	2022660	2333602
934295.8	887378.6	653879.6	368885.5	270064.5	538433.1	571130.2	443463.3	508571.5
341313.2	471506.1	510314.5	197139.6	144709	182449.3	155947.4	394728.5	299808.3
629443	211601.1	251984.8	145471.8	182601.1	222311.4	162043.9	186897.2	149193.2
208984.9	0	0	186407.4	0	0	30502.13	170539.3	0
1419886	2458996	6561398	2131318	9579.491	1661180	3740627	2619632	3482152
2811932	4600766	5501623	3134456	911199.2	3220916	2775572	10641692	4165187
3366990	5406506	6767177	2997065	1485243	1911678	2184583	962864.8	3541565
124960.9	183554.5	480018.9	443988.6	477895.3	35228.05	95620.99	46208.98	628424.8
164743.3	247413.2	262941.2	249265.9	97908.39	128442.4	224365	167904.5	162910.5
81927.63	58756.04	70706.88	106164.3	94273.91	165046.6	133143.6	71759.92	67609.05
660897	20988.25	358315.3	0	85633.17	144348.8	129039	85309.7	197347.6
435549.5	478309.9	633090.9	508108.2	419622.4	448549.3	317275.1	427290	395642.3
716145.4	865326.4	849805	479195.1	626026.6	547299.1	571430.7	590130.7	579528.4
7056732	5192113	2775645	2785322	2704231	2065953	3023899	1381265	1763739
1343405	893193.6	1578226	718627.4	355326.6	643597.3	603416.1	744603.9	1044186
32302.7	24384.44	26678.51	23949.76	33511.29	21003.29	34771.1	32679.42	26678.19
465232.9	651022.2	526735.4	331318.2	563661.1	611910.8	416910.5	326361.1	443877.1
13137.04	0	18620.21	17722.13	0	3854.621	43802.64	15681.14	21364.64
14525.22	21030.08	24163.86	21058.88	15087.79	6344.812	0	8790.467	5832.732
0	10821.97	0	0	23904.88	15152.02	11451.08	19129.9	16721.24
6816904	5751984	4368605	6238482	7780011	6993990	6199674	5383356	6077780
226813.8	287918.4	253534	255619.8	250031	275442.8	252793.7	269708.3	278424.1
0	2587.7	4696.814	5477.324	0	0	4389.75	4671.276	0
88636.06	87677.23	131720	65202.03	94278.14	80150.44	77112.5	73938.07	77730.46
1479516	1004729	1237085	1357467	1965211	1274197	1591343	1379235	1328286
13337.08	10318.47	0	0	18333.05	9964.316	0	18766.33	6600.051
88328.68	71218.52	60505.83	47161.44	58113.12	44766.29	5128.298	19239.43	427962.4
289884.5	481946.2	369126.5	536818.1	598685.3	393165.5	606604.8	421870.4	432177
9652536	11057163	8983934	4609653	3962781	4549490	7084368	4459274	6606654
46069.79	106370.6	52469.77	75562.17	84462.47	80480.47	60373.89	46927.27	88632.61
33943.39	0	75254.32	43034.91	66548.23	0	0	0	245423.7
124263.4	0	124210.1	242706.4	276095.8	253101.1	339758.3	49643.94	57771.77
8158.157	0	0	7653.719	0	6678.612	2681.182	0	3862.067
4696761	3819563	3208625	3888139	4817094	5215810	3761626	4814874	4643046
18391.29	16195.73	5548.672	3410.674	26254.31	11500.15	21847.89	20896.45	17808.64

2913221	2224534	0	5142664	6476.469	0	4932492	1587223	2846937
331235.4	1876134	263748	459608.7	108626.3	126153.6	200695.8	0	151514.1
1091632	1883447	499792.4	824573.9	893120.8	932982.1	836381.6	1083683	826548.6
431918.3	175692.8	19898624	10691531	212591.6	1697225	210085.1	16505610	184114.1
122042	6418608	278723.1	145540.5	151821.2	143253.8	123019.5	42991.76	221728.2
236901.3	376661.7	724517.5	191544	116818.4	92522.45	140298.5	403039.2	258552.5
3607452	398651.9	589372.7	821745.6	570631.8	763132.8	588195.6	1999496	721302
164707.9	335720.1	11535.09	95169.67	67943.27	346388.4	36395.84	119502.6	280811.4
350126.2	367482.6	394198.3	359625.4	237515.4	516428.1	606666.3	371755.6	568243.9
184838.1	171995.5	327251.6	147585.5	130854.8	138990.2	275486.1	119685.2	182504.3
14307.57	65366.63	57528.91	76756.52	35112.11	60694.3	35936.27	198726.5	76315.65
1785470	2162467	2415570	1059481	781770.7	546950.8	3024846	1018032	947663.5
144510.3	94447.29	325864.6	82034.66	79927.39	108798.2	98836.24	44001.86	143124.3
84934.15	98366.69	85463.16	87206.98	713668.6	906923.4	323116.9	411459.4	514785.3
0	48010.02	24017.21	30856.61	0	0	0	0	49658.27
26482.12	29320.19	0	26464.98	18685.12	14753.24	0	15425.2	43718.77
45013.43	252325.7	34496.25	29612.15	63171.14	63621.41	78902.31	86168.11	59046.61
18200.32	13558.57	13596.62	12664.29	24851.34	21841.02	20654.01	15235.23	14488.32
7152.917	10898.22	0	0	40485.7	84407.34	23315.46	99095.23	0
0	0	0	0	0	0	12512.65	11700.19	0
6952.431	9464.373	13112.42	12300.41	21032.81	16112.16	12447.52	11963.61	21333.23
508226	569967.6	525001.9	454016.6	657851.3	494818	484323	527538.3	476855.5
85856.56	65870.83	58725.48	20595.99	33742.45	26787.47	24492.16	18821.01	31323.43
537397.8	524104.8	1342267	521170.9	298732.3	405218.2	568561.1	512912.9	1135795
1486042	753295.6	902987.1	748132.4	1258237	508416.9	2447261	661801.2	979540.7
751850.2	762200.8	860166.1	511966	424705.2	217279.4	125205.5	98350.15	200129.9
283921.6	786086.5	69771.3	169013.6	76047.41	487077.7	466307.8	739515	72321.52
602905.6	501074.4	869522.4	386721.1	501035	647926	733661.8	642884.1	1393044
704255	737857.3	524509.9	517482.4	353660.6	385027.3	521980.8	445650.2	300160.5
260432	39558.45	237193.6	384654	0	9698.982	19892.77	58840.66	30289.72
91087.23	143204.7	359696.1	91239.83	41190.8	30928.71	32494.71	18653.27	62166.92
2486664	2983943	3069617	3922741	2306993	1627765	1069210	1740232	3489203
1227065	0	1388547	843564.4	487641.6	0	0	163820.5	484303.3
83194.77	81069.16	216326.3	138309.8	0	46198.96	83700.11	0	125707.2
318322.1	1194410	1060389	548722.4	194317.8	306607.6	293453.5	298182.2	152051.2
1062894	2476492	1202671	278637.1	409674.7	77287.27	145788.8	124402.7	153509.9
821692.8	2057095	2208850	1005617	519989.1	399421.6	676066	1037783	815435.9
366064.8	1230582	895414.3	371021.7	663564.6	259872	213725.6	220541.3	245167.7
320210.7	518182.9	177758.9	547057.3	201810	265039.7	185534.1	293773.4	203961.6
130334.9	493585.9	326681.3	171683.6	146754.2	201333.1	146586	979107.5	593402.2
76171.05	70912.87	62033.46	44805.02	76927.63	64342.14	54716.34	50868.25	57159.38
2650.947	1507.302	61859.41	48401.06	0	22303.27	12223.3	122009.5	149224.8
16048.6	0	0	21752.66	21595.86	16218.09	28839.98	34298.37	27842.63
46754440	16408049	65215400	33900460	9028015	25631524	15283871	8233777	12595329
2.4E+08	1.07E+08	1.22E+08	1.15E+08	1.09E+08	75374184	45293124	43314272	89066624
0	10582.87	16843.38	16014.11	4256.776	0	6207.894	0	5227.444
8876.055	7693.019	7897.334	8921.667	16960.4	9268.731	8346.285	12914.21	12006.14
3704.271	2984.34	5781.677	0	0	6624.503	0	0	0
162656.7	0	16440.02	8219.765	0	49472.65	0	25750.62	33003.95
16648.85	26847.23	21747.1	28034.15	6431.646	2311.482	5774.92	10950.6	28509.23
22725.24	0	15402.71	13137.59	8849.885	45539.47	11217.49	38828.5	0
70432.51	55973.54	36534.94	87682.22	0	51269.49	59151.44	160819.6	47873.76
0	1341.816	1442.201	2069.915	6908.702	0	3382.852	2588.568	1898.805
46273.7	88123.36	48360.29	0	0	0	0	37854.37	0
46414.18	37366.66	74558.12	0	36171.92	13235.23	158821.5	30373.58	146083.4
105833.3	134275.2	145340.2	89593.39	84699.88	91200.83	70567.98	84911.2	110498.1
23740.58	0	0	0	0	0	0	15446.21	17193.94
297733.9	246357	201917.2	301507	300256.2	280526.9	171261.5	234822.8	245796.4

316460.5	159657.3	164176.7	158175.9	85964.48	64981.42	3466.001	60692.41	51240.08
42799.3	12478.76	139042.9	46488.18	0	207128.8	7094.199	0	78046.31
14234116	13415315	11304146	5097855	3686385	7461498	7518342	7629988	9574818
380881.6	317615.8	574901.1	113900.1	229241.3	359286.6	178330.5	356593.1	95365.36
650619.4	2308894	3497557	433131.9	687109.8	1543167	2453406	2787297	375106.2
156168.2	73273.45	102140.8	67291.77	119945.3	124813.9	97717.49	79616.78	248017.5
265018.6	232804.3	174851.6	152929.9	107802.1	69176.52	114809.8	70261.59	107996.7
0	0	7900.053	8850.565	0	12351.03	10719.39	7989.177	0
230414.6	405668.4	349610.3	255815	279163.6	304047.6	212272.6	158076.9	205883.7
2941901	1831233	2884139	341491.5	1146557	868737.3	812130.4	684284.6	813493.6
279392.1	544594.3	285237.5	151985.1	217033.1	149206.7	137596.2	63398.54	203409.3
127232.9	76384.41	187806	86008.02	54139.32	63356.13	43010.61	38900.73	123194.8
119963.7	44943.7	107853.4	56567.09	60661.69	84023.75	25095.45	0	60525.56
56807.52	10490443	0	124262.6	83545.38	4750965	24891.98	135622.8	6799468
205700.9	103556.9	151732.1	164251.6	30290.94	74575.41	81300.28	93687.88	73571.03
99233.38	65359.86	110394.4	58128.74	16596.85	78739.81	36128.46	105214	124170.8
77561.87	0	211844.5	67721.05	63229.36	96268.95	109168.8	156166.3	279360
3613152	2140441	3063385	2587967	1275459	2532849	1480219	2270966	1348465
96700.02	280256.7	127505.5	116073.1	222277.3	215433.1	228716.2	170895.7	136737.3
18523.03	35560.92	15625.06	38419.09	0	0	20299.78	0	18803.17
55054.69	88704.7	377812	44113.77	31732.07	39548.81	47890.63	210777	36680.95
12044.9	5139.842	0	0	0	11388.32	14583.57	12685.78	47284.06
434649.7	303062.1	381116.8	199197.7	167643.3	160230.2	172282.9	110718.1	294087.5
1209398	880212.6	982278.3	1119511	583655.3	305663	227369.1	225120.2	887044.2
340313.5	369237.9	500303	392978.9	331788.6	366460.3	229537.1	329833.3	165214.5
230558.1	1009686	1193044	6177.186	0	0	293119.3	0	56184.7
4886854	4309319	5759643	2862822	2766786	2344249	3256828	2112366	3411508
211994.8	322540.3	297812	274456.1	153778.7	184301	124897.8	128251.8	290425.5
671757.3	860226.6	392932.5	265215.9	189040.2	404381.6	441370.2	247029.8	309367.9
3397863	5776548	66856.98	1777692	73479.48	1585260	2687084	155064.6	221328.5
1497364	2354006	2026434	1035838	888645.5	1038304	1076766	1412454	1164086
133386.9	257007.3	79511.06	105077.4	58074.54	89017.59	68901.11	69625.84	68160.67
97590.81	128644.4	104332	64238.55	73025.91	82626.61	44313.2	39418.05	51248.93
0	2073.934	30067.81	15749.55	15754.36	0	0	6997.317	17707.25
238192.7	146928.3	288853.9	265446.8	243511	243454.6	308257.1	175691.2	164910.7
533767.8	846205.9	446430.3	425258.7	111042.7	271219.6	207196	344054.1	231910.7
149078.7	80791.35	127490.3	0	0	70772.14	0	209478.2	0
279480.5	173447.1	0	0	0	0	88017.14	103109.6	86723.99
195536.8	115276.5	143337.3	225911.8	60312.91	71665.12	106967.7	38388.84	310177.8
108242.1	97258.8	79635.02	40035.39	41352.7	93330.66	44209.77	48652.11	31838.98
1800905	2016246	1773275	1224404	1276231	2063127	1104083	528189.8	1758044
633981.6	0	217122.2	227395.9	458228.2	247115.7	85353.95	0	180138.8
113052.4	140177.4	143039	106543.8	20525.28	321810.1	78096.66	634130.7	158476
9680.134	26560.52	28757.02	16152.98	0	9885.386	17136.2	38056.58	14225.96
158629.7	94850.2	1363154	98171.3	73235.58	873158.3	105122.4	1081445	82631.49
14072.13	88052.42	68031.11	16116.57	0	0	57853.84	64344.97	59611.9
1121969	571432.8	907749.2	528785.6	754202.4	825332.4	739508.8	697960.4	709624.3
945506.8	809438.6	893980	531633.7	803378.6	441294.4	0	457519.4	0
14303722	15781111	18770726	8672365	8536944	14176009	13630161	13639967	11843805
288842.8	319793.1	373844.8	334020.4	274199	298619	217416.2	221307	466080.1
561491.8	607702.8	616774.4	1021072	519324.7	1033927	705035	857081.1	583230.6
576030.3	2568498	2014503	567878.8	425901.8	1561198	626510.8	692113.6	563861.7
1282384	658586.3	863938.2	409812.4	64127.75	80988.59	77859.55	88006.85	253236.6
180577.9	119684	87364.98	55283.25	46693.48	59961.59	0	0	397461.1
61758.42	696396.6	70375.17	36642.86	103375.5	143649.3	95571.77	130188.4	171437.1
187115	121932	172269.2	221506.5	133501.3	421879.1	253326.6	262839.1	481956
206662.7	178199.7	0	233451.8	93530.8	354077.5	227796.5	0	330522.3
1069371	784033.7	530932.1	354342.1	550413.9	560346.4	1087503	442152.8	416560.1

977278.4	907283.2	1867112	829863.3	369516.7	745536.8	624461.1	727603.4	450862.1
162700.3	144823.3	133216.1	125981.6	289181.8	5581.349	331936.2	87858.25	84318.08
42318.51	0	62400.92	0	50211.47	97260.2	110459	103376.9	51651.14
4090326	2990099	3976286	1926585	2236824	3986028	2161925	302519.1	2728898
3104.819	31555.82	16672.04	10015.11	0	12732.86	51952.62	29653.92	66228.24
0	230453.7	206964.7	0	0	83235.47	0	0	79153.7
68495.13	82894.9	93752.09	49743.84	22249.9	35946.05	40771.82	58417.26	41539.41
69582.95	0	52306.07	0	49083.16	42215.27	0	0	0
3080754	2753721	1711633	1662697	692257.3	862044.2	659339.3	531789.5	1627501
171543.5	88313.65	317130.1	23194.49	0	0	331664.2	34404.79	296687.7
40562.34	51583.04	49399.57	10129.28	23517.79	37916.55	35641.92	32033.16	35874.08
9488.135	79409.31	36266.82	7099.349	32283.14	79232.35	0	0	38303.77
2410961	1384469	1529771	1762283	1018565	1058634	1164170	681771.1	1406453
41617.61	25187.11	21380.84	17402.73	35930.77	0	27857.94	0	34636.71
77140.94	123424	38711.86	45485.53	22246.24	80374.88	72159.75	28961.02	64223
74834.27	5608713	45954.95	21922.57	31938.85	0	0	0	0
1012382	164453	199902.3	1656458	1102248	650544.7	725769.9	992387	1123156
0	134934.8	314678.3	154027	281135.9	173034.7	411778.1	182051.8	144651.2
521737.6	4752665	2519364	2527899	2479772	1883256	2771242	1256316	3191142
71177.3	65804.09	628139.3	440911.9	62766.58	68653.03	93285.55	69621.3	47423.38
77564.16	30127.48	28794.25	0	84020.25	78780.19	115244.4	0	0
16390.18	16860.35	0	0	13275.43	18243.66	29749.44	12327.83	26579.5
51849.53	0	78820.22	52484.57	36373.83	84396.15	71845.98	69980.38	59772.48
355047.7	60584.09	288656	0	0	0	0	0	49037.49
21308.8	26681.7	18248.49	0	0	0	55259.38	0	24126.22
47198.05	140849.9	136395.2	88567.86	80220.95	0	67277.2	64965.14	0
28232.34	71830.03	176671.3	77895.47	117409.4	181475.9	124865.5	80885.09	103896.1
104538.5	216903.1	247130.5	24366.15	29324.61	78267.33	20676.14	11959.33	21845.76
60322.96	105957.2	188206	42810.11	68865.11	120255	80325.48	94921.89	28250.87
104353.7	92383.59	67217.65	72687.72	73573.2	109415.3	63154.76	59599.56	78131.02
280686.4	574167.4	649086.7	480285.5	161788.4	932793	537641.8	384295.5	292048.5
105221.3	64590.73	70722.23	88864.24	59704.64	57085.53	133738.1	10290.49	109282.6
16723.2	38211.36	38909.73	33761.56	54272.84	9141.688	0	0	12725.07
330174	549099.5	615305.8	954533.2	173447.3	116152.1	118891.9	275602.6	230373
20447.3	29023.35	39033.41	63928.39	11154.09	13106.12	12547.3	5601.125	3184.361
51390.06	88219.95	132795	94172.05	46811.05	34877.92	79673.13	42040.92	58026.77
29460.14	13934.26	13002.63	28768.25	19545.5	15327.58	36938.19	38640.25	34676.5
66775.97	12989.03	25623.64	88380.31	19066.36	43598.62	24769.55	33620.74	75656.62
219211.2	397326.7	308790.8	177754.4	61913	133450.3	296242.6	253454.9	141199.2
497769.9	323409.1	328409.3	400458.6	134680.8	264192	360440.9	121339.5	188655.7
0	25677.53	31344.18	0	6294.927	2922.997	21765.03	6318.361	26207.01
754296.4	721477.9	332032.8	421301.2	216133.6	520106.8	96404.73	300026.2	374641.9
132919.1	0	106267.2	235701.1	168608.4	105552.7	194655.8	284528.3	254810.5
37434.92	10867.86	31966.29	26193.36	0	28567.99	0	12157.08	8936.546
559090.8	396289.8	423341.3	147232.7	261534.9	227278	295650.7	180645.5	352899.9
222015.2	10051186	8575694	4074742	3758650	4380750	4483934	5984205	4714088
304958.2	323356.2	273251.8	231512.8	843768.1	443492.8	248960.9	226212.9	319399.6
52700.83	50879.07	98516.77	20754.59	11191.74	13296.95	16314.51	20151.11	77715.39
155594.7	53062.35	230609.6	78960.05	248254.7	150175.6	63815.91	33971.45	74094.84
1209398	880212.5	1771825	1119511	1130951	1047295	433690.3	443281.3	887044.2
171660.7	74964.2	31881.4	54096.89	0	78739.84	38364.95	109573.8	124030.4
366970.2	384769	346727.3	235974.1	384416.2	283758.7	0	222038.8	481807.9
524397.4	306437.1	370592.9	295395.8	152808.2	152367.4	155957	159886.9	241747
1111917	857800.8	777330.8	839319.6	1136814	1170813	869033	1157520	1175072
0	0	9627.104	0	0	0	0	0	0
28360.17	2373.514	19000.82	0	63798.34	7770.853	3664.032	5261.893	5925.484
0	0	101807.8	0	0	288026.8	287795.2	0	0
2096841	2049321	2325834	2298512	3158608	2584730	2122614	2972009	2530638

18379.38	11511.06	11910.91	6271.925	9671.507	5159.131	14872.09	0	4213.326
2255436	2292836	3514804	2117223	1136663	6169296	3754828	5066529	4682839
29627.91	17300.84	10337.57	22374.98	9342.459	46453.47	11783.77	4710.043	8122.733
46494.07	29912.54	0	49958.55	63681.36	37790.73	0	42157.14	0
0	0	0	0	23620.11	0	0	26982.24	4248.884
724567.9	914073.1	788412.2	554704.2	968906.8	939869.6	924377	1231503	898498.1
7507090	9987719	10667756	13400357	16133565	12702379	11213861	12253726	12525244
7919150	7422241	5570073	7201948	8116552	9168403	6851525	9487411	7832657
0	8308.119	0	0	0	0	0	0	0
6152.289	8164.286	8006.867	8504.238	0	4777.743	8784.985	16733.35	8132.029
0	0	207649.4	7912.226	13032.24	0	0	0	8479.881
6395.047	3715.972	6677.627	0	5248.194	6968.208	0	4420.507	5660.334
24020.86	12428.87	12312.12	0	14287.33	0	0	3828.541	0
111536.4	163496.9	30298.65	60033.63	82649.74	115402.9	98181.56	50149.64	108689.5
172151.1	125695.8	136664.4	79985.63	451138.9	165201.4	609568.4	213266.7	157637.4
1195381	1049468	1310637	1905865	1659265	1355603	1556351	2316206	1646249
13024.61	0	29809.21	0	0	46734.27	0	0	0
313802.2	312462.8	385741.7	5212.973	197372.5	90994.17	244236.1	177273.6	268653.9
70271.54	13108.44	16915.04	19942.51	16075.65	20686.73	10285.26	39608.49	14087.1
519753.8	358396.9	614790.9	615251.4	724910.3	441937.8	404329.8	420344.3	656413
236280.6	247652.5	261340.7	146343.3	317380.1	191096.6	198791.2	307371.3	157367
554996.5	435275.6	343801.8	865897.3	287987.3	1241276	295555.8	699878	327157.1
177772.8	181438.4	213638	152835.8	91879.88	504431.5	118644.9	276176.8	132151.8
93600.13	191330.7	334397.2	149885.8	73472.68	157295.9	106987.3	105607.8	207275.5
18515.21	9752.473	17067.37	126214.5	400822.6	179447.3	137302.9	66355.46	6551.399
175363	264824.3	364665.8	88911.46	33393.26	245612.4	195153.4	85602.5	163152.9
15281.83	18117.84	16394.26	12963.45	0	0	0	6673.987	1198.658
692329.4	723278.4	600953.9	746157.9	586287.6	479128.7	319122	175292.1	408903
99720.84	89943.69	86499.65	57609.03	71955.8	64974.84	48511.03	63286.36	96441.55
179100.2	291504.1	230018.9	191063.3	267938.5	193339.1	166321.6	275572.3	312291.5
28271.14	57987.45	59383.73	0	54578.18	46927.74	69660.68	79246.38	34037.24
274560	0	88834.4	515872.9	0	62905.78	37888.13	0	189654.7
535006.2	900519	879138.1	511660.5	475362.5	375749.3	342400.1	368484.7	199288.6
0	283844.5	257716.6	163597.7	0	116192.7	120535.2	66688.38	75664.17
35364.6	433025.7	65338.07	59126.36	85037.44	140739.7	108638.8	95955.8	115413
115929.4	242129.2	116168.5	125491.3	123986.5	86957.01	129200.4	44480.66	147843.9
1182952	1253862	1849520	1506395	729294.3	1167082	1333287	887463.6	1086711
113568.6	127946.4	106241.8	51939.99	25273.23	39421.75	47578.63	55886.55	36841.25
142393.3	105465.2	83287.96	61524.09	85495.95	37666.33	10553.64	57817.33	116511.6
277702.7	302782.2	166427.1	125597.2	39399.39	0	168095.6	77170.69	149956.8
227268.7	352500.4	190465.2	89264.55	279059.6	5445.412	79292.2	160858.3	88346.45
2520128	2390430	1495096	741895.2	1575611	452270.2	545643.3	3511261	293430.4
231090.4	140354.4	193441.8	168007.1	73942.91	83518.88	209141.2	124547.8	338486.1
64721.13	46143.54	90934.25	164509.8	0	12306.91	104329.8	27950.59	80436.22
760058.4	238806.6	264486.3	376979	117959	53135.61	88070.25	82128.52	138905.7
19839.71	21388.96	38859.91	11152.29	23659.21	10423.5	26607.53	37572.04	38161.75
1522119	2363486	2554163	1433349	621593.9	2094313	1377257	1479213	1145944
547020.3	319029.6	406476.3	413495.5	418680	349057.7	353929.4	419038.8	337738.6
231896.8	1402030	616955.4	812653.6	708147.9	745007.7	552418.6	309457	720294.9
480052.8	68075.59	0	159540.9	0	0	33421.93	0	0
20939734	32564240	35595312	18470518	12841470	18624924	20175728	13673477	14085332
7711159	11028673	9514520	7528759	2929263	5483487	4568538	4366425	4758544
22319.87	0	61016.41	0	22675.84	67687.49	18555.74	37419.96	18339.98
0	0	0	0	0	11580.74	0	0	12450.27
57308.6	34845.55	44166.79	64632.51	6021.902	0	0	0	22561
286604.4	0	0	121086.2	385769.9	0	384921.3	0	0
0	0	36619.89	0	54195.91	49613.49	61799.27	34732.74	45576.68
0	0	35322.8	0	49461.57	44193.63	60186.82	31074.12	45638.18

588289.6	305050.6	500961.8	483013.5	452194.4	297551.6	233701.6	249409.2	623821.6
145823.4	115002.4	295480.5	212172.5	99932.73	335935.6	138637.8	137191.9	151139.4
99373.64	13795.96	0	0	0	69953.65	27566.82	0	129225
137973	148415.9	993917.2	436960.7	90348.05	120651.2	190925.8	121615	109855
470228.9	809589.8	1140314	576854.1	249343.1	193390.2	132710.4	161613.8	451480
52498.8	22688	22481.87	12824.06	26365.05	9788.521	8370.316	0	7563.517
0	26260.11	49064.64	0	26505.46	59807.09	59558.11	0	24654.63
45006.8	119965.2	48177.58	125173.2	22241.87	21613.96	50237.94	19192.04	78602.86
395316.5	1001768	485968.8	276400.3	504441.1	116315.6	471959.9	3469378	364860.4
93918184	55451688	1.36E+08	52608592	64031552	67011228	73203360	60641784	72510664
594908.6	1607963	713304.8	339826.7	322689.2	267426.4	6856.879	408679.3	389631.6
58365.57	121725.3	140005.8	72234.26	74952.97	87342.78	98229.03	96898.18	48063.09
135828.7	288475.6	341356.6	113424.7	326441.7	337844.4	332533.2	450245.5	556769.9
23943.82	0	23619.04	30050.61	0	11466.81	0	30976	35235.54
168577.8	129189.3	1339368	114986.5	98888.26	185735.3	0	192285.2	12891.74
4615003	7740938	4885135	4273712	168823	2709602	1655236	1342061	4694484
272105.2	154509.3	74663.92	65243.96	111529.5	135782.5	139984.7	80810.27	134927.4
162772.2	218056	274606.9	130449.8	113865.1	305907.1	240784.2	84412.53	147582.8
54461.34	77255.09	38696.99	76717.85	7708.785	77262.36	54241.2	0	46112.69
724775.9	700398.8	1482898	577128.7	504228.7	127162.5	448992	109688.8	187348.9
345235.3	500241.8	239874.2	155281.5	102200.8	204986.3	449984.1	151707.2	187402.4
1061010	935605.6	508084.9	254092.8	1847741	3588054	363080.1	2218176	2088218
6161852	7490662	6092268	6781359	7656070	6560067	6831930	7726955	8037150
56753.9	0	56520.35	0	10779.95	4199.216	6643.271	14415.94	6950.146
26731.59	0	0	0	22175.51	27616.89	30220.86	34558.91	24536.02
14801217	14071432	5512560	21824434	25392864	11665385	21742488	27696990	14995540
281226.9	192071	332906.6	199922.5	186950.3	162583	179988.8	102865.5	293816.3
3084.418	2715.042	3790.634	2575.045	3665.278	0	2892.615	4345.396	3757.223
15263.47	26097.34	6960.94	6661.075	12402.56	7226.464	0	9628.118	5963.852
471472.4	413787.4	0	265155.8	112432.7	317658	326626.7	128195.3	258753.9
13757.63	12470.82	13132.87	16749.25	14177.16	13173.66	11891.99	13462.63	11988.76
11414531	8910674	7163990	8615744	10746781	11134501	9256287	10573767	10743596
100300.7	89092.13	34474.71	115908.1	134178.3	109878.2	159490.3	234693	168291
2785335	3027082	2970207	3101779	4877519	2543836	3293417	1933583	3767585
74011.09	79898.64	65884.51	100885.1	149953.5	94134.42	129014.8	118934.7	183094
115466	93109.75	145765.9	153238	182918.4	112253.4	187855	129863.9	90890.26
347700.9	275183.2	37984.03	73053.65	271485.5	235546.6	247017.8	255128.3	322696.5
0	0	5460.881	0	7321.967	5394.778	0	12964.63	5044.613
32669.88	14739.99	22636.29	0	2700.135	24411.23	26760.54	28810.5	32815.37
123213.1	118696	59975.67	108021.7	100429.2	96838.23	101312.8	144988.6	98005.68
991535.3	920894.6	1024792	678049.8	1121254	1267099	943345.8	1156784	845692.4
3036662	2223215	2272428	1696184	1822652	3838284	7413.006	7761.815	31805.8
40370.85	20074.13	28938.36	25312.44	35608.91	57171.29	29667.44	55637.28	30687.57
54378.77	47216.06	14145.18	41516.89	14286.64	9120.183	6356.763	10016.45	8205.501
0	0	8030.21	0	21655.96	8611.083	8469.369	0	0
814301.5	741305.9	1864349	839496.8	898121.4	980773	821390.8	893354.6	0
214399.3	221893.6	182611.6	198647.8	312528.8	215750.9	249386.1	230649.8	327495.1
61826.79	39921.59	52242.4	50972.14	67543.41	43873.43	49610.21	53011.13	76195.38
17084.41	5592.516	9044.639	33661.28	18131.33	14061.6	22619.23	11705.46	0
3929105	5122550	5891767	3067794	2962724	3730914	1483689	747491.8	4512691
0	0	14937.36	0	9279.973	0	0	0	0
0	0	6163.404	0	37444.16	10810.56	29903.6	17482.89	23363.51
0	46854.96	0	0	0	0	0	0	13062.75
8688.722	7284.266	22414.21	8335.631	12378.95	18758.46	11762.3	11125.85	10278.33
752909.9	503033.4	554612.3	711036.6	1022618	733254.1	757916.8	758869.8	1352586
148199.7	45574.97	82756.82	156128	34293.41	59643.61	81939.2	61738.93	111279.2
74656.4	121061.1	71405.86	38494.44	158368.4	102144.5	34020.35	122288.4	96908.45
4038531	4521440	3277710	7362176	6409396	3759258	5353827	3376494	4651942

0	0	18020.01	11363.91	0	31205.23	0	28311.49	24512.34
2481771	3328410	4375366	1591100	2605749	2570290	2621007	3210740	2803862
1713623	0	2172695	1921193	0	0	0	0	314408.6
93913.5	450531.3	109820	0	108434.4	173883.2	0	41214.65	32113.58
955930.6	602660	405117.7	257333.2	615268.5	1160220	587012.1	1014296	1084148
0	440336.5	1035100	0	0	0	0	1418.902	1669.904
0	0	26851.53	40591.12	16164.77	0	0	0	0
6646.501	5391.11	16747.49	6574.728	61395.66	36870.96	69383.23	53844.64	47204.27
340034.3	259274.4	119755.5	263831.6	148426.5	461580.7	85594.23	21273.86	9949.438
0	0	0	0	57875.34	8380.072	5611.742	0	0
4472331	4783341	3998885	4893722	6562540	4549179	5397348	6513820	5829794
0	0	2682.277	3806.251	14785.52	4231.289	5749.797	3334.574	3374.163
41582.39	48054.14	91185.28	43002.01	85646.98	45128.96	60673.55	38596.97	54322.46
23761.12	28336.54	13875.79	8785.808	20971.13	17514.58	20580.2	17673.45	16596.06
31790.44	23485.2	40360.39	18544.5	17407.01	14814.05	11597.4	12597.53	9940.468
61658.74	55846.66	88494.27	24215.84	0	84881.98	0	0	33049.61
693546.4	0	0	0	9002.32	4580.188	0	263894.3	878910.4
35425.85	0	60142.53	0	55060.2	0	3460.241	84167.16	22988.61
250445.6	264452.8	338144.2	32123.24	445497.9	463578	368516.7	418241	306015.3
484874.8	316312	337155.9	300823.4	424133.7	374833.6	426674.5	431180.8	386662.7
25393.86	18406.9	21018.56	28994.82	0	0	34134.22	21381.03	26076.85
430883.7	173528.2	30815.71	277652.8	512990.3	170778.7	417231.9	272167.9	241725.2
1770161	1692205	1927588	382680	2620919	2590672	1948629	2219454	2038029
17318.07	10680.86	15377	12356.67	20080.93	9279.455	14229.03	14874.91	15363.44
82594.85	48531.7	64698.41	52169.55	83249.77	58296.12	61880.18	84852.95	65216.04
569567.2	310094.7	625198.3	318979.7	806388.8	682425.2	355961.3	564228.4	957702.6
14363.61	0	0	0	28626.78	3364.103	6589.565	4921.884	15806.44
242859.2	166378	105744.4	246206.2	263630	220446.7	7079701	137605	226776.1
39984.91	35634.04	24251.04	34699.77	59955.66	30109.9	47084.55	49346.79	53466.33
0	28397.7	13884.48	11213	12386.18	0	12987.57	11660.8	19568.39
0	0	0	0	16501.52	28813.39	0	0	0
16199051	15015754	10166231	16648950	17391768	15442178	11140253	16828162	15180038
15163.85	0	15079.75	16006.08	46892.52	0	0	53292.81	0
27287.29	23722.67	41742.05	28951.69	34533.59	42438.83	48148.88	60613.37	0
0	11871.23	7365.675	0	0	8089.369	0	0	14403.49
7035.461	6409.087	38880.99	0	8029.364	3376.181	0	5446.729	0
393755.8	269152.9	212955.6	199798	246325.3	122714.4	208012.7	209536.7	261875.5
0	28090.99	15191.67	0	0	33663.18	19930.11	22069.72	17879.73
13311.87	28933.16	33268.9	23933.83	33705.7	21895.32	22687.08	20799.82	25676.78
14198395	15163743	29041140	12720361	15160969	14989711	12733666	15026878	13141626
221920	311402.6	123360.2	179934.4	233841.3	350699.2	200362.1	245700.1	300588.5
8234.525	7192.001	6583.176	6541.089	9097.115	12790.88	11969.93	16170.7	12248.3
15843.94	14445.62	19788.88	16270.16	18521.6	11638.97	20296.78	19989.24	0
52071.73	32531.47	46022.12	51331.61	37645.45	46261.39	33069.19	56823.2	33006.34
24759216	8073955	8066290	21694576	21675734	27056662	20736116	24750398	3373612
106562.4	231939.8	281009.8	317533.9	175234.5	99591.38	222848.7	207082.7	122964.9
8428.733	3957.344	42976.85	0	31917.78	3742.261	5599.648	6598.974	7529.329
310411.1	58644.86	243050.6	346787.9	354236.8	100556.1	74923.29	97328.12	55720.09
26554.67	22332.58	28533.3	18567.76	43259.61	31095.37	38081.11	37202.64	36749.21
6136.778	15517.88	0	11272.53	17173.08	0	12155.19	0	17525.73
0	10316324	0	0	3078.166	1360.073	0	759.8445	34737.79
447878.2	707093.9	516100.7	355216.1	511078.7	706775	536129.1	876471.8	714259.8
225889.2	264594.6	293423.7	311108.9	317479.2	329190.4	303360.2	343876.1	325891.3
86514	80051.43	166343.3	115709.9	248776.7	213148.5	243001.5	236940.3	121594.3
5877993	19809104	3925828	9061078	4443892	11545380	8598889	10316165	5771365
18572808	19840554	17770172	15945151	14529628	16452801	15757913	17438146	18129292
393723.6	344197.2	558415.6	818215.2	463396.5	613368.5	1067596	1085031	453661.1
1517090	2003769	1421186	1965097	12662.08	1556849	1439006	1926531	1365128

11479415	9743890	8107439	11373360	12378425	14755125	12001350	13268227	10984650
59981.73	60913.64	62660.46	52669.96	71244.5	65364.38	57689.82	67893.27	49511.98
41922.43	40841.77	31527.06	31794.08	36820.84	33488.15	24147.44	28078.89	35951.4
10207.2	14160.7	29704.63	20020.31	8233.858	21172.56	24256.58	22584.9	0
354621.4	446172.7	307954.4	2404500	535658.4	6502357	5732900	3569726	1933820
1386148	2108702	1796606	1508899	1150850	2630646	2556053	1128546	1520360
0	0	0	194976.6	151933.6	78548.17	93791.81	76096.2	109309.4
1468583	1420118	1380553	1611316	1156073	1330462	1327518	1476216	1077475
0	0	0	0	90053.34	0	0	60574.09	0
22199.04	0	0	0	0	0	0	0	3491.474
330208.5	0	0	178448.4	217226.6	0	178973	237364.3	169194.1
7457.315	13911.51	7177.544	5610.576	17189.88	0	17711.87	20082.74	0
18701634	19832140	16827884	16864374	22513226	17590514	17722192	17801484	19042854
161373.4	199977.4	0	137983.6	0	17631.58	0	0	0
0	27689.22	23919.48	1721.092	2924.557	1879.851	0	0	33265.29
0	0	0	5632.932	0	0	0	0	13018.06
12443.54	9632.692	9092.943	12837.58	17555.2	13747.52	14227.99	10999.48	13984.67
2823058	4614414	3184907	3361331	3159643	3901583	1860981	3814864	5128877
1244.018	2617.81	3206.794	2165.974	19276.71	2586.889	0	0	7299.854
8616.764	9567.303	7540.067	7099.033	10329.8	8345.002	10169.31	4224.72	10492.4
64500.48	31916.29	10600.39	15460.43	20723.31	14676.1	12777.31	13799.28	8264.135
0	0	0	0	10126.98	0	6509.366	0	5326.871
8965668	10770110	2362068	8775662	8368955	8721456	9569015	13151686	6872549
13125.98	11484.06	13110.14	12324.09	8251.342	10687.96	12125.38	12468.47	14029.17
156045.1	4665688	4198809	90159.35	6384547	2840090	3751537	5053307	3259504
985348.2	850427.5	691469.5	1067804	1584194	2366769	1507529	2152249	1609863
0	0	0	0	5083.813	0	0	3570.091	3540.382
29102.72	13192.63	43539.27	7003.037	7533.859	0	9743.895	4621.479	9832.301
7711.499	7048.4	0	7080.454	9321.264	3720.988	8481.908	9902.052	5070.537
455701.1	811857.3	497689.4	438210.6	489180	734049.4	632530.3	699638.7	754114.9
7907.74	3750.88	6444.691	8978.087	15784.39	8240.397	3654.549	8468.647	6372.639
27590.59	34554.46	28145.65	32435.18	52622.65	50714.61	51590.51	47458.08	59925.63
172824.2	190721.3	155232.9	209862.6	152489.1	159391.7	223647.9	191354.5	196020.4
27039.7	6560.509	7908.045	156822.8	3672.216	0	0	3915.053	15815.88
1872710	942035.3	5415882	944695.2	1456129	762761.4	6161525	1230545	46796.77
6541.926	3416.571	0	0	0	0	0	0	0
10409.33	6710.216	9570.792	7816.165	50903.95	53117.57	49976.28	81822.06	62578.19
19067.77	21254.1	0	14433.6	0	30830.37	20944.97	21648.52	19105.72
271868.2	245919.5	178547.9	223944.5	293584.9	291703.7	389830.6	213853.5	334530.3
23168.38	23761.42	22959.31	14209.69	20188.6	4342.27	7449.191	8768.266	10122.31
0	0	0	0	0	20874.84	19775.95	23040.95	0
81562.34	1337688	0	209879.7	5501.785	3415188	232169.6	102489.7	147938.8
89270.31	0	210438.5	0	252112	338627.3	0	269113.8	283461.4
5573435	559245.1	845839.1	1312624	1073655	1307229	839493.7	3407113	1009817
14039781	17448056	17036042	17211840	19238138	18596584	16636823	23396258	21850530
242843.8	270164	66996.31	263235.1	0	83445.07	83295.62	132501.3	65329.02
0	0	0	0	75087.3	62834.51	32070.81	9242.896	0
73395.27	66749.41	51401.31	67645.49	70152.8	72113.86	71692.98	80416.86	83390.3
10266.63	6627.41	9864.948	4230.57	0	12743.27	7380.661	21142.66	18896.5
1927215	1547873	1711309	1719841	2026957	2424047	1889559	2267978	1691343
22304.52	18309.5	34494	15015.81	13817.68	11550.38	7852.978	13089.98	12822.06
170449.8	70439.7	171230	471788.6	758940.6	334374.4	528582.3	393512.5	287858.8
1.11E+08	98954832	1.14E+08	1.19E+08	1.83E+08	1.66E+08	1.3E+08	1.51E+08	1.46E+08
19067860	14616366	11922500	14944411	28593020	28036638	19515588	25025002	21888618
467509.3	0	9035722	1148153	0	26092112	189420.5	284743.4	2832058
300512.1	285819.6	216969.3	359055.5	474527.5	253162.4	411633.6	405476.1	439302.2
6690914	60920616	5551582	69393200	1.52E+08	5196107	4732902	4152548	5559290
4332143	6920130	8737848	4097320	1972394	2688968	3005849	1590871	4687086

307433.3	155427.5	338240.3	111364.3	180295.6	146681.6	214877.5	188159.6	137124.9
15751289	29924024	20858380	12789997	10981461	9707487	19493130	13791513	21051764
45475.26	17397.75	23745.11	22904.38	31102.03	27837.47	27673.97	27935.63	23528.23
16737.21	42753.63	61372.79	65444.41	72008.22	55612.16	115600.5	50808.3	34899.36
29487.22	53822.33	58218.23	72384.87	0	0	0	0	50726.7
122085.8	135804	116073.7	103995.3	118019.6	198655.2	147994.6	202819	163248.9
91729.83	91298.8	72151.06	92319.24	147235	50761.29	79306.49	102551	48909.96
962593.3	950660.8	857958.3	835684.4	899534.2	1100145	786133.1	952734.9	1005719
57582.66	48658.62	94304.73	87583.51	37376.13	42382.74	33365.96	42340.5	68766.88
0	0	0	0	0	0	30048.4	245347.2	45912.28
71979.52	536303.3	187333.4	149917.4	828086.8	1249734	737974.4	1056842	2270456
435445.5	543784.1	481263.1	261638.6	311330.8	384038.6	191268.4	310905.5	208671.8
10532.96	17275.11	11435.02	12065.23	0	9975.752	11731.3	0	23618.45
16578.37	34352.71	17803.55	18101.05	37994.11	24316.71	25353.24	25783.3	28923.44
26905.14	19109.62	18286.63	16774.45	22431.18	13427.45	27543.17	35297.78	28901.48
259941	7788.132	148305.4	159056	158646.1	135148.8	129214.9	8068.231	137626.2
0	4659.988	0	0	5999.682	4880.133	0	0	3496.276
0	11567.13	93267.55	11137.17	13199.18	118520.9	32777.39	0	51844.69
3238064	2594879	1010944	4539961	4854904	2765615	4836203	9874755	4623315
605.5343	50792.17	0	0	3666.46	6090.563	38992.8	17578.93	2303.099
0	0	0	0	0	0	12730.15	9514.186	15311.49
78221.73	117137.1	0	105299.6	112423.5	40043.87	0	44495.56	64638.06
448942.1	299141.6	303260.1	814338.3	1033046	353496.4	456211.7	519764	703257.5
166693.2	147937	114873.8	135380.8	122545.6	105331.6	110793.7	156420.7	157675.9
670151.1	1048518	440566.5	657500.9	1483588	981704	776689.4	1101256	728433.1
4804.782	2697.181	0	0	4522.912	2521.063	3922.333	6410.939	2597.982
65347.31	54018.41	74875.5	93972.73	123248.3	123982.2	128477.6	118352.4	97604.38
0	48574.9	39541.49	0	0	0	1240.746	15626.95	81175.51
15844.08	14445.68	19788.91	16270.15	0	11638.97	20296.76	14664.57	0
3459.769	0	0	1935.666	4434.758	4044.624	7767.724	9770.345	3388.142
1490559	1173150	1151442	891090.8	760282.8	2006172	897365.7	1002325	641367.7
1547382	689183.8	1840366	3412309	3816146	3089979	2140024	2864079	1382193
216460.6	358838.3	138791.1	689588.9	459396	365809.7	380752.7	326144.4	359876.6
420029.5	453111.1	450787.8	436474.4	423472.8	385570.1	425363.8	454898.3	511415.1
2334902	2748980	2137981	2500456	2412910	2319980	2288823	3012824	3055270
4981.448	4209.45	5135.356	0	0	0	4974.323	1801.689	2534.709
16018.86	7146.206	0	0	0	39275.6	8781.932	17693.25	0
26096.98	42043.02	64363.7	73027.5	17496.35	8583.082	33382.09	31414.22	39126.2
49151.19	37779.78	12618.39	45705.6	43748.2	28587.31	29595.01	28460.98	43986.42
4809.508	1945.919	1698.378	10634.66	3581.971	9373.611	0	0	4404.029
70170.01	114947.2	103116.9	115451.6	99310.2	31318.43	42124.13	80868.5	33430.04
0	0	5351.253	4212.16	9298.428	1841.487	3197.578	3941.5	1778.603
3764382	4207114	4049748	5183157	5307946	4380329	4453023	5164019	5058795
1.07E+08	50384268	1.24E+08	2.36E+08	3.48E+08	2.45E+08	1.55E+08	2.01E+08	1.01E+08
19590396	7967525	24392576	37022372	79478608	60288892	38359928	42952640	21760950
205308	222668.6	210370.1	209472.5	246908.8	235236.8	225434.2	252524.9	255307.9
5436440	5628918	4843073	5082729	5637941	8055185	4642012	6582843	7095494
592090.8	979641.6	1479211	519256.4	691672.4	977526.6	797901.6	833788.1	1354895
69126.11	0	8726.481	16171.7	5476.685	21604.12	0	24667.5	0
24182760	26699356	29543138	26295094	24834950	27815032	23497350	27456404	22935334
63647136	55710496	64354996	55913188	74547312	75764752	59442144	83948640	52560436
1360522	1252107	1254514	1410342	1571763	1665878	1235912	1829610	1206789
7414135	5166194	5186664	3148599	3663913	5686980	4563449	6449211	2759816
398836.4	264266.9	920925.7	195200	220415.2	340732.2	239016.3	179728.6	506085.1
1028820	1329044	681098.3	481460.2	744053.6	532359.4	302755.5	335193	444806.3
280120.2	218611.6	101592.4	171708	133993.7	255541.6	251120.6	162146.9	68258.79
348520.1	162476.4	760850.6	257796.7	43567.83	164291.8	140760.1	332264.8	202280.8
165277	218043.8	362634.8	295481.6	50873.41	75584.75	117970.3	72955.46	102868.6

30621.97	17645.95	30036.66	46756.43	44845.51	19198.7	19810.7	20287.44	0
39677.98	77946.15	44458.27	42577.81	62036.71	109221.8	73429.25	54129.05	58005.8
44572076	34776876	38742632	27711118	14017683	43844020	22642326	26987650	18693508
16209.02	10143.66	13587.1	0	0	14223.91	10948.35	11381.07	2124.354
37369.05	705288.8	101941.1	102061.6	645479.4	956955.8	447508.8	1137194	1551819
44245276	41131944	26282328	32370110	45748304	32568850	28039580	38542740	36871264
35667164	54814464	54720368	53175596	37994664	51674032	46465296	49918140	54741396
84725736	1.21E+08	1.26E+08	1.31E+08	1.05E+08	1.27E+08	1.14E+08	1.33E+08	1.37E+08
57491896	88191880	82998616	81128632	77141600	93198840	81162904	92243088	94744824
3983102	2315539	5977426	2702743	6211281	1215799	5826240	2235122	4381270
450462.5	292045.8	501200.5	820722.5	674354.9	617675.2	622581.1	658530.8	747361.2
11458973	7216099	6892410	6905781	12765194	8049740	7914726	9115849	9366555
3345431	5702547	4398313	4969809	1571010	6580824	4278613	5057927	4918472
2881291	2555682	3636232	3831505	4310331	3758011	4923013	2872033	2562419
3944014	2895651	3079567	4088140	5002823	3260099	4243657	4588476	3441989
1.09E+08	83184520	83754688	1.04E+08	1.4E+08	97417528	99901552	92730192	91981184
2.84E+09	2.31E+09	1.92E+09	1.99E+09	2.42E+09	1.93E+09	2.02E+09	1.67E+09	1.97E+09
100179.9	92323.5	99347.03	88553.41	102895	50017.66	89356.02	50621.37	85527.52
1.91E+08	1.35E+08	1.27E+08	99994480	1.22E+08	1.13E+08	89050368	1.01E+08	1.49E+08
60021052	52827892	49472948	60974384	67559928	59342936	51131664	53519676	49826384
44832.58	45563.46	48665.38	68434.11	0	35729.96	22240.49	6850.265	76258.93
136696	126540.2	101006.6	172016.3	98940.98	156790.9	97665.71	151632.5	144386.1
9261184	12627898	8653354	13667245	15730142	13394124	11835922	17009930	12623859
4278015	2659262	4272134	2232803	2389119	3004465	2069620	5375243	3507004
19211816	15946252	11724780	10996079	14676428	13507505	13918848	13600618	13181811
321620.5	517977.1	534188.6	499919.8	355685.7	268570.3	574244	266372.8	654960.2
818340.8	1201922	1200316	450982	330379.5	889955.1	817685	894937.9	912349.1
80244.05	102454.4	84132.33	105898.7	120495.3	99228.44	117180.2	95503.2	91071.21
10277.71	27423.48	13221.24	11476	10802.97	0	4914.109	0	6506.119
395102.4	337415.5	425789.8	399927.6	654193.2	458307.5	538096.9	611051.9	558462.1
2354976	1763717	1967583	2909934	4688157	3727220	2669666	3102955	3264390
82550.56	276656	214623.3	188018.3	953005.7	1279470	812170.4	1080252	2450693
49196.25	57443.14	51851.83	56995.52	52220.36	50752.19	46974.38	47017.82	53607.58
98937.46	606410.6	2064373	907655.9	314362.2	799326.3	1001024	937843.9	847842.9
4476778	1772136	1148591	2038825	2092661	7440848	2715260	1143437	2445995
28481.52	19196.4	21592.92	20510.9	38356.23	61507.97	25639.47	30159.84	39219.29
5450.531	5365.747	3274.795	3304.289	0	0	23494.78	0	0
553448.9	441329.8	467742.7	506952.6	530091.6	725183.6	608341.6	686519.3	598367.6
732956.1	541859.5	611419.4	658475.1	728800.3	718359.6	650824.8	883561.6	676331.1
0	13341.73	18404.75	63253.34	14690.44	0	0	25757.04	0
14659.8	12317.86	17611.41	10920.83	14481.97	8528.432	24430.09	7923.943	18624.19
14559.84	10288.15	11347.08	13657.75	22553.12	0	9025.282	5124.491	50915.6
596717.4	2627121	1167753	4090763	2515349	1305017	11358810	1851987	1247906
993333.6	244105.5	0	0	0	0	0	1205562	0
5348931	5207154	5461708	5384281	6868924	7188159	6050126	6422357	6053859
0	3112.543	0	0	7942.639	39628.2	13581.27	6142.398	4418.445
4389903	4208919	3368002	3928568	5359299	5155058	4326407	5636009	5665136
59565.54	0	169017.9	190308.9	38918.34	0	0	0	180841
36621.36	41673.12	35500.63	10329	34085.44	24973.05	18210.03	16939.38	39981.88
3328728	2621580	2954384	2796462	2835635	2728911	2784884	4233363	3057608
226522.9	289400.9	734403.4	724503.1	2713515	1056819	482363.2	1587517	537466
9984896	10451950	7775463	10694559	14377791	12648583	8576385	13073743	6129115
12000413	9203298	24448056	10949610	24876686	2513887	27680754	9120496	13850633
815232.4	662759.6	2583620	926120.4	1465837	50888.73	1515589	1110763	998515.4
896333.1	526752	576737.3	1390023	890786.9	676745.2	1084403	854790.9	523210.8
719644.8	547833.4	690116.5	402675	291382.2	429811.8	386514.8	330862.7	744522
10022.77	884698	860557.3	8624440	277639.3	328107.5	320097.9	273053	407646.9
290066.9	104117.5	265609.2	131603.8	60227.09	178665	86231.35	80130.61	107913.6

1142786	0	119581.9	1664474	1082870	4476661	4375159	1683832	0
37069528	14094434	48719668	40201964	17775184	25966506	10472871	24224236	26611300
6845331	4768147	4459225	3795290	5978345	6276775	5835348	5889117	8398462
170149.7	201672.4	269564.4	157556.5	88760.88	88569.44	152667.3	43942.6	145393
123796.2	225742.3	14939.76	49827.27	6835.985	77948.34	49405.02	55028.09	89006.41
355851.6	364100.4	460388.7	0	154071.3	211981.5	0	354282	385397.3
0	0	0	0	3181.369	3226.936	5418.756	5309.112	7529.481
12340.6	26351.17	8972.27	13321.67	17473.99	24016.98	10721.58	17122.35	15871.51
165677	364128.4	124654.4	242311.6	119901.1	386542.4	311062.4	72485.53	247440.3
0	10411.56	0	0	0	6651.063	0	18003.9	5520.204
9738.423	13750.43	13104.14	15287.35	11481.07	15785.1	11473.34	16857.4	15587.61
27729.12	444690.3	39915.74	48510.59	301480.4	571105.1	235531	667077.8	1206330
0	29985.46	23061.66	77101.09	65271.19	55362.84	41477.24	50956.81	112031.3
939320.9	832837.6	808266.1	932712.9	1202831	975674.6	864436.8	1186184	1040988
15301.11	8698.775	0	17578.29	20514.7	5194.609	9012.074	11800.47	9561.145
277805.2	12443.78	11813.25	19623.92	18607.45	35388.99	36744.6	15996	16410.66
10688.32	20109.51	18407.22	34042.63	12070.2	97210.06	0	664.774	4264.702
517189	675761.1	523270.2	582731.6	388435	354793.2	321903.9	440251.3	522910.9
129676.6	447490.9	425531.2	243766.5	184808.1	83353.86	134752.5	73514.99	94665.26
5238.615	619680.4	681835.1	577397.8	2876.227	4002.186	0	3150.366	6737.183
102541.8	31882.18	26793.14	32179.45	105361.3	50716.29	61918.9	50846.49	51534.87
835150.1	675226.3	1119561	693205.4	1354990	748114.4	1463251	972766	1406031
18373.26	13452.42	18249.54	5287.024	9133.228	9871.069	10605.64	18221.78	6970.51
3944024	3588814	3764121	6467153	3161112	3203496	3443741	3618278	4097968
7430997	8512700	6803849	7657296	7295447	7292449	7043257	6983737	8353534
21489.89	28512.15	0	32786	20727.34	0	0	121581.5	0
490045.8	462575.9	527110.3	759497.8	538987.1	594831.3	528796.9	589141.2	612369
2011.196	0	13169.96	7853.213	54738.74	345323.7	23238.23	2447.303	5911.181
734902.4	994040.9	796868.9	879373.7	904281.6	933961.7	871670.3	1180843	1259462
10172080	7385097	8922848	6027358	6002383	9084062	4233302	9636559	5077530
142838.8	190171.4	121138	92222.55	190765.1	189223.3	141130.7	241958.4	180294.4
0	0	3638.106	0	0	2358.875	0	2493.879	0
4888.604	3588.33	0	3420.681	9795.819	3869.787	7552.336	6536.745	3965.145
0	3914.239	0	0	7519.156	0	4656.345	5434.855	0
21853.46	24027.21	20383.68	27028.32	50804.76	18967.91	40546.09	25532.02	19509.7
0	62412.85	24582.21	16649.62	20502.82	0	14534.09	23167.08	78574.53
3922230	3305294	3139308	2943507	2650440	2739838	3127249	2394730	5226273
9884.241	10080.88	12180.62	7682.421	8470.74	7596.916	8002.272	10611.36	15143.92
874.543	731.8498	0	0	0	62608.1	0	2725.392	1027.57
62074.94	44268.24	48680.1	36204.72	55332.27	45840.62	51527.63	53160.94	72960.77
112414.7	138671.9	92014.93	109355.3	167469.8	84626.88	107919	117089.4	103768.5
20490.63	11302.94	20013.14	15572.18	20560.96	18059.85	25650.48	17453.77	13894.6
9390.045	132517.9	163951.3	113826.8	378458.9	520185.1	409747.9	328211.1	731653.4
1562162	1449214	1010610	1201979	904402.7	675478.3	1161721	1471570	1192921
18124.3	255283.1	18453.58	21834.14	116630.9	182806.8	74208.3	402075	349285.8
224279.5	234661.2	166422.3	168971.8	226467.2	165114	204985.5	169173.3	254981.2
2005846	2443098	2473184	2015152	2066041	2345967	2011525	2050222	2994489
81806.34	91161.97	81378.34	118995.3	101067.3	86494.12	78384.38	105399.1	95074.2
16507.39	7067.44	0	14676.54	7801.76	0	11002.89	6852.303	0
637432.9	804209.7	944607	933015.1	752440.9	1140373	718138.3	330046.1	510746.4
301490.9	172687.6	239665.4	291888.1	282915	173290.5	222612.7	267095.6	274112.3
0	0	0	0	0	0	10962.22	6412.614	0
444102.3	347759.7	361431.7	348598.9	345431.2	286899.6	280270.4	326373.8	434512.3
6550.146	3663.509	3664.691	1192.812	1751.302	819.3931	8304.718	3728.646	561.7101
60747.7	255527.6	57728.01	92391.46	204844.3	184085.4	175804.7	272921.8	120216.4
0	0	0	0	0	14767.44	0	9225.782	5622.498
1135895	802283	382919.1	896120.5	1232252	1311086	837600.6	1601871	1406078
0	0	0	0	7132.352	5216.069	0	0	18844.28

348007.8	257886.2	228821.8	242331	282271.2	252162.2	253307.8	329577.2	258302
1036339	845359.1	647365	909282.9	1661065	1438720	1419798	1321739	685920
0	0	0	0	0	10135	6194.813	0	0
34081.49	6332.271	3204.508	18885.96	46072.59	36997.24	35288.26	11177.1	68693.55
0	2913.605	23411.95	0	326506.9	0	3220.876	6016.03	9296.032
19988.04	53175.58	58928.02	87548.97	78919.48	49151.96	72863.13	152557.3	75861.4
10123.22	0	3198.766	3743.391	16303.8	20053.67	3302.501	18431.12	12605.04
0	596477.5	220096.7	234268.9	1132772	1435338	732793.3	1149654	2318026
88403.66	55472.11	37131.34	36645.73	0	0	257963.2	0	46843.77
1406429	982076	1457225	1981909	1776983	2263536	847280.6	1983044	953440.9
1281885	1955907	1510786	1315592	428980.7	740761.1	1043525	989469.8	1218584
1774271	2040927	19477.88	8991.117	1158531	396107.7	49148.82	112923.9	457984.5
2380103	1098051	2441231	1209491	1259137	1247808	940727.4	0	1589301
128898.6	269083.2	431408.7	93580.39	66320.63	42417.51	67728.2	124293.9	48447.48
211419.8	288025.8	177712.7	142784.6	688151.6	520896.1	1073321	519260.2	1071297
18572.36	58488.79	256468.5	16101.4	7922.557	0	10528.08	0	62608.19
1933211	711771.8	791645.8	384241.7	548221.1	1072437	730115.5	496994	704956.4
237550.8	283769.3	397059.1	145871.6	150913.8	63110.59	110225.1	67715.28	131023.8
7556.134	1018425	912788.4	932356.8	461832.5	332858.9	176312.1	435219.3	453300.9
2022051	3973837	3227319	2529000	2136391	1257374	2734180	2160417	1792947
910342	884626.3	222943.7	115655.8	187800.9	316732.3	59735.02	965861.5	90453.36
249038.7	240390.2	495270.3	341767.1	90932.5	171503.9	136989.8	468635.5	200265.4
33160.28	0	11940.08	0	0	0	7289.893	0	126347.3
0	0	0	0	6695.997	2361.233	2523.708	3033.882	0
68298.27	83376.17	24804.8	57882.38	71906.01	96348.73	54070.43	50482.93	79280.44
250182.8	0	0	441718.7	23901.98	0	33171.72	0	0
168165.7	264147.6	241374.5	288256.2	20740.62	276947.8	53269.82	0	340243.7
634495.3	604547.9	335015.6	479189.2	384776.3	728854.8	545246.6	768300	662003.6
0	0	0	1374582	10682.14	0	12348.63	10515.41	6697.536
827764.3	786157.5	638092.3	705053.9	731645.3	576037.9	572032.3	827277.3	782488.6
12019.85	8706.514	11508.56	10794.29	0	10721.19	10644.77	12567.89	19439.27
17882.85	20649.65	24144.4	16414.09	32662.95	29536.74	34925.5	77543.47	30427.2
1180173	906515.7	974702	919342.8	834673.6	712191.8	774588.1	643577	1292517
45846.2	161372.6	14364.94	111564.6	99664.34	126394.5	26866.38	140999.2	90728.62
0	0	0	0	7570.35	0	4772.302	4757.436	0
418974.6	387951.5	368739	415663.6	275186.9	384502.8	180654.9	435598.2	337029.4
856258.9	125047.3	207938.8	228845.7	186584	211327	180356.5	671894.6	213842.8
169600	51643.08	160038.7	0	0	0	0	6293.028	0
335371	589450.3	238888.6	542691.6	1109306	448666.6	595131.1	554644.1	324299.5
377490.1	173533	1609951	1483354	102890.4	99162.97	1423608	434466.3	1226507
6859948	3419650	5178320	6293338	9075132	4205824	5602712	5842439	4658721
249782.4	598808.1	577298.3	283192.1	250128.5	76128.68	110377.9	103628.5	225993.7
0	985.0577	0	0	0	8397.022	505.8654	4830.356	15167.73
44529.37	52379.95	59311.34	59750.98	53550.94	90258.91	79668.52	34580.3	24163.03
595959.1	138058.8	329266	154300	81413.76	118620.5	57836.27	163646.1	194624.8
27602794	14349333	23144296	13063587	16776851	21088072	15853103	14094316	19173828
0	0	0	15174.08	20788.27	0	13068.5	0	13227.04
472771.3	362834.6	558898.2	274015.3	455506.2	449529.3	628004.9	417717.7	875108.4
2094044	2081356	3457484	1609554	1368389	2504094	2211164	1467350	1471163
1497643	1499618	3479723	4606483	1260805	1124510	760496.6	1834081	751137.1
326914.6	0	180433.4	128645.1	203707.4	239692	44346.06	0	455518.5
4814064	7209067	14508858	4456246	7421519	6398498	12595386	11943132	10229993
232530.9	190168.7	491610.5	108488.8	17189.15	22537.85	125594.4	15466.85	29008.02
250937.9	152395.3	331537.8	135605.7	175354.6	224864.7	203902.9	168564.4	161279.1
671268.4	794088.1	1354323	386650	747067.6	320336.6	1039853	559400.6	977848.3
1324028	975834.3	1451471	785683.1	1279155	816017.1	701125.7	1408048	809058.6
655739.5	472932.6	342509.3	465405.5	257754.1	221882.7	150700.9	192916.5	663437.3
459821.1	24324036	30216278	16134141	8230364	12188007	19262078	14392816	12587574

799498.6	457335.8	1589287	382133.3	0	687779.7	1195095	1668270	603935.9
100080.3	110108.3	96809.52	104816.6	186953.7	85857.12	106903.4	65720.59	134450.9
97386.13	38022.9	129292.5	29463.79	15734.29	15721.73	56078	48935.87	63374.78
28682.41	23276.55	26477.64	23474.66	32181.65	27638.16	24117.66	33336.61	27357.41
0	142825.9	340676	148564.2	246197.1	143075.3	50303.87	216708.3	197760.9
0	0	11228.32	0	0	0	48568.52	33782.86	0
46011.32	62049.3	258612.4	36207.32	0	80740.26	134433.9	23672.14	71428.98
102310.7	99731.05	104085.5	79311.28	257465	148796.6	181914.4	249854.6	129240.9
55323.25	70607.16	51496.26	42889.77	0	0	0	26640.96	25317.43
40041.17	17605.17	16624.05	16521.49	79465.61	21691.64	66585.17	20941.33	105557
370689.1	2256545	649685.9	1910127	230205.4	856668.8	1496215	1322236	1104929
1213651	19271034	867902.2	7650791	10143779	16676315	15703297	16031192	14922334
25690142	19615932	26793544	27293264	12696882	13447563	14509647	12415588	3718949
355761.3	89033.29	167915.3	145675.9	100527	76409.68	50910.87	59237.89	65617.83
81847.75	78540.02	137412.2	67563.81	9571.027	14299.51	0	0	0
4315551	8592189	7826336	2722152	3249544	398570.8	4093486	610034.6	3251562
5272129	4653035	2736913	29332464	2418342	1195879	947255.1	3302829	2237289
212000.2	207528.2	508820.5	173395.9	288675.4	153572.8	139715.4	116247.4	143505.2
222870.3	180652.3	244723.3	246411.1	220918.6	542497.4	220162	186956.5	220138.5
16408.6	0	17475.08	0	45740.7	11065.31	0	0	0
17889.71	24656.13	0	19465.01	0	14435.24	15886.82	0	51954.53
349440.3	272625.9	661171.5	293629.5	81570.45	69380.92	126629.6	91493.2	79403.48
3132681	2850009	2747116	4162987	380103.8	233429.6	873127.7	1499936	2375697
33889.32	0	0	0	0	0	51895.59	0	0
34229.09	66650.5	29368.06	0	57201.86	30158.44	33770.95	49257.66	0
1190040	1166989	983486.1	587607.1	349401.9	875278.4	1086191	579867.8	1033097
290694.2	141788.2	200595.3	57509.06	0	108493.8	196704	171084.6	233095.2
1334643	2034101	2230254	1056123	273308.5	606197.5	652874.1	291626.4	1707947
700711.3	79782.32	315395.7	217007.7	120284.9	66781.79	91328.2	149933.2	194724.4
3066449	3000122	3318130	2171323	1573434	4818965	2137325	2454489	1986241
2743.568	2004.497	2066.808	0	2141.137	3303.531	3076.836	4808.58	5182.017
9342.743	29869.48	18671.98	12582.74	36380.95	22912.7	15559.57	29086.35	13632.72
25685.7	10980.04	16224.68	15535.89	5951.356	14136.02	14402.83	15324.27	24535.52
95833.84	22897.73	146325.6	66007	71010.06	37836.81	68988.21	58003.41	409490
1776411	442144.5	460289.4	524733.8	349029.8	709295.1	464502.6	233792.8	647780.4
91241.16	99633.06	100428.5	202340.3	63853.19	0	82706.52	0	155860
4231379	478154.7	184111.3	7333007	192685	132424.2	132672.5	138863.9	283005.5
0	0	0	0	23696.68	10974.62	7093.549	4336.19	4591.909
7380.643	15262.84	10621.68	9427.419	21093.1	9701.224	11783.29	6696.049	7351.392
1775374	2212946	975486.9	176947.6	197970.5	209577.5	375944.7	310322.1	260242.3
135274.9	123991	127340.2	79986.79	23397.99	115574.3	118047.9	49295.74	112398.1
6038346	403992.3	1014411	11787893	4875981	8251928	9081102	3118486	710237.4
51989.96	64712.48	83705.37	47565.39	49266.57	119360.3	64604.73	41502.62	62495.2
402705.6	220286.4	136756.8	444571.2	901531.8	1040082	259206.7	803369.2	249240.9
812620.6	2393460	2387440	858149.2	670619.9	119268.6	59875.53	1112740	1368990
18616.59	14769.64	16041.31	14648.64	20823.32	16038.92	16615.46	12770.79	19231.67
11514.35	10775.33	0	45132.69	64818.94	66548.07	40977.26	42440.65	58827.09
22627.45	24860.35	12429.51	9764.165	0	0	4949.023	25048.7	10452.02
40174.42	34591.36	28907.33	36373	0	0	0	0	0
12455.61	12548.92	48441.45	63165.44	26623.82	96453.12	56153.34	136911.3	65030.02
2828.324	3480.139	5141.953	2057.268	10851.21	10134.08	9302.169	6252.977	14853.18
635737.6	576688.6	809705.7	776807	990529.5	195369.3	1493716	1287165	1675829
69532.78	75966.2	76057.11	102347.5	91345.7	86753.27	0	81968.86	86204.07
17850.41	35018.86	35283.05	48635.14	3783.768	64363.58	55113.47	41576.04	28939.96
3861431	4274870	7610919	1566994	3446790	2753740	14269976	4032937	4710546
17007.95	10642.59	0	3281.653	20202.79	0	16243.6	18000.51	15387.04
1680005	4936052	1528290	1322634	1429740	1387524	1894682	720525.3	2021416
25247.92	166257.1	366315.3	23331.74	161363.4	137828.1	98823.82	101542.3	188037.3

115360.3	15348.62	34856.64	164233.3	98615.49	144958	101841	50072.77	23725.41
49277456	44851480	52305948	42662932	26187924	14012930	24481088	12462757	26402090
185763.5	0	0	0	0	0	0	1139681	0
0	0	0	0	31722.75	0	23968.24	22204.27	95748.27
115984.1	110865	21777.95	143926.4	200447.6	143135.3	161769	203894.4	146325.6
5366.19	6263.516	5182.473	0	0	7707.877	5597.029	10860.53	8827.517
0	0	17008.18	0	0	10075.76	16688.06	8470.52	0
91231.35	61409.6	91603.66	65322.69	41248.38	49589.38	44978	95801.86	40821.67
482608.4	460144.6	770227.4	450978.2	167492.8	338482	287397.3	553575.4	369493.3
65983.23	62100.06	0	0	0	0	0	23116.66	49445.04
12678648	24870064	36144616	47688652	20876684	10394986	27764746	15392224	16895734
1853040	1818919	1425227	1319193	1672422	1612083	1775129	2126563	2209072
0	61143.18	25831.18	47254.78	70378.72	64324.44	53408.32	6465.572	55838.45
92960.68	23365.03	69877.19	52473.18	13730.53	24542.87	36828.63	30060.57	24288.79
15174.33	38997.97	54722.11	20675.32	42240.95	36201.85	28227.57	34313.11	12660
167271.1	0	0	0	0	259901.1	0	0	142600.5
0	10307.84	0	0	0	0	11714.29	0	0
35937.03	268498.9	0	477715.3	395531.6	38300.46	23849.74	307500.4	269123
91323.9	85794.61	56925.08	64032.88	98386.48	75634.98	61830.86	94958.47	49335.21
51351328	63148064	55763776	43309916	41532416	22769418	40786564	34323484	56725852
2039568	4176306	4274996	2689749	2869477	3585987	2589647	2497340	2175154
0	0	0	0	0	2327847	3337001	2390819	2601625
180012.5	175013	168260.8	145795.1	172091.6	192898.2	205692.3	164755.5	190599.3
292129.2	235898	209240.1	166589.2	238111.1	392682.9	202476.2	211001.4	257037.5
87128.54	57453	19659.2	75288.33	52566.68	20157.27	30144.18	30351.02	49829.64
24908.92	0	0	0	0	4087.551	0	13395.72	0
98695.88	214940.8	78939.19	54868.67	23997.7	38714.15	37429.63	45269.45	42372.2
0	343635.1	356067.6	167172.2	0	75712.27	98724.24	0	203620.8
352205.3	72090.01	814582	39323.65	130701.4	290318.7	308755.7	192242.5	184367.5
244008.2	97110.39	137243.6	35932.63	65436	0	164430.4	76667.02	302057.8
1375164	750605.5	1863866	826276.6	928811.3	949105.2	1374882	1021958	1261467
1217068	1538261	958250.1	885967.1	1350315	1366924	1335830	1568734	1350166
3040729	5479166	3662202	2911505	1910734	4262992	5729903	4807327	3149948
2166051	1670669	2097019	1972051	195930.2	172489.9	207290.4	120658.8	625987.2
1122793	1118947	1132786	893564.1	511864.7	496532.7	499089.8	573859.2	644542.1
376936.7	1707665	1480927	681867.3	175524.7	726226	935524.6	1026591	1781642
1670833	1728535	2689729	1663869	1274394	2007911	2123758	1756859	2208763
39245.06	103351.4	111693.8	30061.59	45409.36	40255.43	31015.32	43544.51	63581.34
11486.41	57386.11	95839.42	0	0	0	25650.23	10671.18	0
125570.2	154169.2	533576.6	212059.7	246928.7	188114.9	94801.63	82629.32	225515.9
0	0	18409.19	0	0	0	18400.9	0	0
132193.6	669775.9	316899.8	740126.3	500536.1	0	0	0	0
0	4048.64	7284.046	0	10355.51	3414.758	15797.28	5957.051	0
1050780	1668119	1644637	1044148	964246.7	375434.7	987272.6	258092	763896
0	0	0	0	0	25318.54	21058.88	21222.1	36441.21
112201.8	122904.2	124946.8	100689	136509.2	144158.6	233467.1	138269.4	100589.7
2395339	1408261	2931985	2268646	1354421	1962579	1689466	2018785	2331130
127512.7	125805.8	163715.8	105746.4	97396.55	174447.8	40360.58	59716.27	92074.48
412852.4	195554	199025.1	345841.9	215178.6	149601.5	459908	245553.7	353976.4
152300.2	193897.6	352181.9	234888.1	441221.2	167682.9	234660.8	217237.3	313678.1
35908.04	30314.42	62557.73	281933.3	7621.879	16727.91	32013.64	66314.56	26901.99
4601853	1495055	4863637	2626006	76978.04	912270.9	25749138	1158552	68326
22587836	167465.4	18446794	17025530	4528514	389781.2	114476.7	399227.5	17317674
5208674	4553355	6055957	3039556	1583238	1335141	1819890	1221009	1948990
3430230	2694045	6725587	2031765	1871176	4713434	3096350	2605087	4101843
4747430	3497341	5019307	2461149	3098646	3446138	4323242	4135437	4431160
10824.22	7412.334	46298.71	18346.73	9438.271	0	0	0	12366.91
122281.9	96300.76	161458.6	94671.05	26184.63	0	0	83324.72	11385.4

12540302	12178675	18106924	9027316	9206396	7676975	8214846	7101843	11343017
57027.84	90014.06	48382.17	42179.07	15151.92	35463.06	61091.13	36256.74	50624.5
0	0	82924.93	75096.61	51374.16	25420.57	27392.34	0	0
6.34E+08	6.17E+08	8.2E+08	4.72E+08	4.13E+08	4.54E+08	4.82E+08	4.07E+08	4.69E+08
18700388	17123442	13578882	15999040	18075484	19494704	16031675	15202255	16619845
23449.73	17485.23	11253.92	24064.83	0	0	0	0	0

C6	C7	C8	C9	C10	S.vs.C FC	S.vs.C Pval	S.vs.C log2	S.vs.C Sig
8684.369	15289.57	11619.21	9458.52	16049	8.720821	0.360317	3.124464	Nonsignifi
15231.15	11287.6	16219.46	18252.82	14701.48	1.160797	0.282186	0.215116	Nonsignifi
84178.88	52533.17	44848.7	96717.7	58154.03	0.913678	0.510248	-0.13024	Nonsignifi
21481.24	25656.18	25262.98	0	19665.31	1.458053	0.097166	0.544043	Nonsignifi
0	0	0	0	72567.62	1.13083	0.78383	0.177383	Nonsignifi
6126496	6300067	5909849	7817058	5693219	0.895283	0.223762	-0.15958	Nonsignifi
13544677	9644166	10313635	10697429	10197802	0.807739	0.055103	-0.30804	Nonsignifi
7248.211	3566.117	6906.24	0	4857.92	1.440668	0.249086	0.526738	Nonsignifi
0	40093.04	6210.178	0	0	0.565015	0.22831	-0.82364	Nonsignifi
470038.7	428479	343829.3	300434.6	318030	0.785457	0.023656	-0.3484	Nonsignifi
6550.004	5032.722	7703.004	4658.355	8224.801	1.004845	0.989388	0.006973	Nonsignifi
69883.1	52234.18	55938.23	29152.71	59263.73	0.896516	0.362987	-0.1576	Nonsignifi
0	40955.05	231936.5	0	90928.34	0.997002	0.996298	-0.00433	Nonsignifi
655923.4	572074.4	503825.9	660151.7	482370.6	1.029872	0.699427	0.042465	Nonsignifi
21105.28	10858.86	0	12205.51	2747.329	1.900642	0.022509	0.926487	Significant
1.04E+08	93265488	60499940	74442720	68851656	0.945699	0.68265	-0.08055	Nonsignifi
0	12742.5	11665.98	0	13963.59	0.97863	0.932269	-0.03116	Nonsignifi
71462.73	0	72023.7	81284.38	50927.41	0.933916	0.793623	-0.09864	Nonsignifi
7921.41	11416.15	12780.26	9341.599	13417.46	0.514447	0.00563	-0.9589	Significant
6328814	3354197	3533569	7181652	3748033	1.025641	0.880476	0.036526	Nonsignifi
6825.137	7261.528	4991.896	9061.263	3010.692	1.432364	0.292946	0.518398	Nonsignifi
25543.81	139460.2	0	0	263472.2	1.482046	0.500996	0.56759	Nonsignifi
720988.1	868497.4	1411010	748775	1146571	0.908906	0.304876	-0.1378	Nonsignifi
0	9814.599	0	0	26449.08	0.689458	0.765818	-0.53647	Nonsignifi
31379.69	51101.88	49665.45	19079.28	11026.02	1.185047	0.675226	0.244944	Nonsignifi
29385.33	20421.31	80137.84	18228.29	36110.7	1.115642	0.669596	0.157874	Nonsignifi
406374.1	382130.1	259618.8	325151.5	243586.3	0.901918	0.247241	-0.14893	Nonsignifi
0	0	0	0	0	0.920413	0.960253	-0.11965	Nonsignifi
829586.7	641656.6	848303.6	396667.8	764194.1	0.980319	0.825574	-0.02868	Nonsignifi
109783.4	64887.72	130810	175937.7	94496.29	0.998314	0.988981	-0.00243	Nonsignifi
38072864	18268990	40187504	33167360	31413242	0.888337	0.420176	-0.17082	Nonsignifi
8802.78	0	8517.215	5038.675	37465.92	1.26682	0.61997	0.341211	Nonsignifi
7245.052	6954.952	14940.45	0	11207.04	1.447252	0.193597	0.533316	Nonsignifi
17820.66	0	15854.99	15599.66	0	1.286109	0.164516	0.363013	Nonsignifi
0	29346.86	20200.72	23380.43	30150.63	1.408037	0.034271	0.493685	Nonsignifi
8652.017	0	10538.9	9618.967	11959.69	76.23518	0.344131	6.252385	Nonsignifi
7194.521	5894.816	5984.109	3186.862	5602.74	0.890086	0.589014	-0.16798	Nonsignifi
88615.55	140165.2	123263.3	67715.87	96223.73	2.092054	0.203945	1.06492	Nonsignifi
11254.2	9598.742	8638.446	11011.2	9805.049	1.323626	0.467083	0.404495	Nonsignifi
0	67986.39	113349.5	38391.49	59652.35	1.722684	0.130402	0.784658	Nonsignifi
127110.9	48388.79	48622.55	72782.71	36096.06	1.005237	0.976427	0.007536	Nonsignifi
11149385	10570835	10115823	13097898	8777377	1.012933	0.857042	0.018539	Nonsignifi
12126.68	13143.1	5151.615	0	5413.542	5.340723	0.355121	2.417035	Nonsignifi
17380.11	26020.9	17271.67	33329.34	40493.08	1.248814	0.427546	0.320559	Nonsignifi
179892	204256.2	378759.6	206702.5	222354.1	0.99118	0.950243	-0.01278	Nonsignifi
1015998	1165516	899404.8	1117907	1459178	0.760527	0.011314	-0.39493	Nonsignifi
9140.26	6986.246	17456.61	10598.58	7450.204	1.229878	0.395931	0.298515	Nonsignifi
2064294	1775982	1469108	1826295	1673790	1.095647	0.405834	0.131783	Nonsignifi
2043949	1954374	1362801	1807759	1918229	0.983293	0.895418	-0.02431	Nonsignifi
78947.98	82266.09	139442.9	60190.26	119831.4	0.910742	0.455618	-0.13489	Nonsignifi
2086.177	0	11557.62	5774.136	6257.57	0.75948	0.690593	-0.39692	Nonsignifi
24961.6	26191.77	16516.92	30149.54	29092.2	0.952331	0.727643	-0.07047	Nonsignifi
56040.03	0	7002.742	42476.15	2065.24	0.475106	0.206611	-1.07368	Nonsignifi
10339.81	3418.579	0	14417.01	7971.444	0.600523	0.498836	-0.73571	Nonsignifi
29229.33	101930.4	0	34337.25	18855.94	0.906158	0.832016	-0.14216	Nonsignifi
0	0	0	0	5691.417	0.913739	0.847427	-0.13015	Nonsignifi
7109.777	14351.31	6851.277	7256.044	15743.42	1.599068	0.018105	0.677231	Significant

0	7534.755	9727.406	0	16402.89	1.217536	0.269039	0.283965	Nonsignifi
42577.9	34871.15	44237.89	54815.46	38579.02	0.957356	0.600704	-0.06287	Nonsignifi
9761.69	11826	0	12800.59	8440.398	1.815437	0.007594	0.860317	Significant
4824.046	12191.47	0	0	14111.87	0.58383	0.228861	-0.77638	Nonsignifi
11789984	11299841	12968596	8975945	14221821	1.202683	0.176871	0.266256	Nonsignifi
340204.2	708916.7	228649.8	340600.8	864372.9	1.07757	0.758263	0.107781	Nonsignifi
29208.66	44319.95	83924.16	76616.2	109798.9	1.144109	0.521095	0.194224	Nonsignifi
320307.3	377051.1	343276.6	419596.2	842833.9	1.204561	0.688778	0.268507	Nonsignifi
212260.3	220161.3	238357.1	178155.6	283420.1	1.233561	0.068616	0.30283	Nonsignifi
179612.9	67814.05	259213.3	214917.3	158027.7	1.363956	0.06208	0.447797	Nonsignifi
1406064	2408991	5498999	4638708	4274300	0.639704	0.020188	-0.64452	Significant
413905.4	389078.4	1643282	968721.9	1382605	1.456794	0.242831	0.542797	Nonsignifi
0	55813.2	34963.12	26569.78	91425.1	1.09454	0.833688	0.130325	Nonsignifi
499042.1	78588.55	581323.4	151962.9	1184950	0.79073	0.580448	-0.33874	Nonsignifi
84813.95	71622.38	58686.64	65691.2	111471.2	0.705166	0.32666	-0.50396	Nonsignifi
425894.8	685000.1	510012.3	661360.8	685449	1.446997	0.044276	0.533062	Nonsignifi
2709466	3223728	1920325	2754881	519286.7	0.615705	0.128413	-0.69969	Nonsignifi
93841.4	132968.6	184175.6	94939.76	150595.1	1.569008	0.089057	0.649853	Nonsignifi
98931.55	37427.2	157672	15270.6	169552	1.844363	0.286126	0.883123	Nonsignifi
1440515	734794.1	898244.6	503752.9	1710051	0.752939	0.340745	-0.4094	Nonsignifi
15804.69	3798553	0	1582377	0	0.154473	0.047865	-2.69457	Significant
86681.04	33022.02	16209.19	31508.53	222994.2	0.966821	0.93799	-0.04868	Nonsignifi
298368.4	605163.1	241138.3	332306.1	366312.4	1.167008	0.374226	0.222815	Nonsignifi
99324.27	50058.68	364003.6	140902.8	1436823	0.796316	0.683846	-0.32859	Nonsignifi
2375433	1377994	794364.8	2014643	1852908	1.49967	0.038293	0.584646	Nonsignifi
0	9422.396	35829.53	0	32583.85	0.762352	0.427082	-0.39147	Nonsignifi
72947.3	84212.71	65939.45	58055.98	31216.36	0.829955	0.510607	-0.26889	Nonsignifi
182473.9	82613.65	78132.41	315095.2	68044.44	1.235619	0.423897	0.305233	Nonsignifi
0	0	0	0	43237.57	0.417317	0.36439	-1.26079	Nonsignifi
0	277964.8	5100.979	7611.872	389898.2	1.600861	0.248835	0.678848	Nonsignifi
418355.7	544512.7	672150.9	501940	596356.6	1.182839	0.342349	0.242254	Nonsignifi
45356.42	64307.67	37992.83	155487	12745.68	1.107485	0.788731	0.147288	Nonsignifi
138811.3	191385.4	235542.1	182750.9	203579	1.395135	0.070823	0.480404	Nonsignifi
744023.9	807641.5	1914501	1012483	1106745	0.827796	0.412724	-0.27265	Nonsignifi
68621.74	214082.3	246689.4	95731.27	228483	1.571016	0.083146	0.651698	Nonsignifi
346858.6	334227	348188.3	454553.9	305781.7	0.976351	0.746879	-0.03453	Nonsignifi
729260.8	1713632	957535.4	1106657	1161552	1.044306	0.706785	0.062544	Nonsignifi
144030.1	281645.9	99648.03	0	195110.3	0.99126	0.969653	-0.01266	Nonsignifi
3866.626	0	5418.052	7170.736	0	3.883166	0.291941	1.957234	Nonsignifi
10211.96	0	13316.57	0	9838.974	0.771663	0.111772	-0.37396	Nonsignifi
18077.03	13762.65	15815.94	13149.98	8196.086	1.191887	0.346095	0.253248	Nonsignifi
8977.58	137888.6	6330.185	9114.848	5929.046	0.620924	0.563559	-0.68751	Nonsignifi
13605.66	532220.8	0	0	457115.7	0.129154	0.090001	-2.95283	Nonsignifi
14571.69	0	0	0	0	33.19594	0.188131	5.052935	Nonsignifi
47048.82	23824.8	21857.98	35781.74	37348.43	0.948851	0.638112	-0.07575	Nonsignifi
94083.48	79655.48	16508.94	148441.7	35222.8	1.025494	0.914563	0.036319	Nonsignifi
0	0	0	15805.79	0	0.94833	0.822891	-0.07654	Nonsignifi
225997.2	306392.6	299350.3	410375.5	260828.8	1.14047	0.202091	0.189628	Nonsignifi
5537.351	44070.09	56634.42	6556.387	46326.36	0.70183	0.440184	-0.51081	Nonsignifi
45009.76	28055.02	38318.17	23058.03	26619.46	0.879788	0.272156	-0.18477	Nonsignifi
330990.6	259834.2	240440.7	433138.6	259671.6	1.064697	0.521028	0.090442	Nonsignifi
0	0	342582.4	310331.9	697324.3	1.515804	0.278248	0.600083	Nonsignifi
87449.41	107316	56338.77	108267.9	58998.55	1.507905	0.149453	0.592546	Nonsignifi
438681.4	335034.5	1521577	729310.9	674638	2.309409	0.101703	1.207524	Nonsignifi
25246778	22490648	18260764	27817334	18690080	0.894714	0.36108	-0.1605	Nonsignifi
18568.34	19989.7	42158.03	3694.375	52741.24	0.915965	0.79398	-0.12664	Nonsignifi
4378.162	4226.109	6782.759	20511.48	468089.8	1.15675	0.878377	0.210077	Nonsignifi
34175836	10533063	12797.29	0	2179572	1.332222	0.677181	0.413835	Nonsignifi

878428.6	1018341	1836788	1402774	1900843	1.189653	0.549831	0.25054	Nonsignifi
434407.3	634830.9	458721	119358.3	522162.3	1.258988	0.189545	0.332264	Nonsignifi
811469.3	2337016	1755776	1420205	4911375	1.016109	0.961967	0.023055	Nonsignifi
53128.87	79086.44	37883.73	28752.16	65611.53	0.898439	0.538647	-0.15451	Nonsignifi
72022.84	208706.2	121827.4	64489.7	65559.06	0.989929	0.962832	-0.0146	Nonsignifi
2426985	3642194	2840306	2926059	3445727	1.101949	0.481333	0.140058	Nonsignifi
175824	224900	0	0	314645.6	1.376195	0.085572	0.460685	Nonsignifi
206001.7	23814.31	191082.2	250664	27691.87	1.353751	0.386194	0.436963	Nonsignifi
587600.6	707345.4	1016156	664453.6	1106138	1.281598	0.173277	0.357944	Nonsignifi
11686040	14236519	16780944	13624297	22385430	1.219584	0.289899	0.286389	Nonsignifi
57426.09	68361.48	48120.34	146511.7	523701.1	0.748204	0.543957	-0.4185	Nonsignifi
55198.57	192845.1	99176.17	75477.69	151110.6	1.656101	0.210015	0.727791	Nonsignifi
231871.2	94515.31	219038.3	28922.83	0	0.671838	0.335177	-0.57381	Nonsignifi
11253.78	13767.34	8734.775	14154.94	8122.367	0.835493	0.445069	-0.2593	Nonsignifi
37027.83	48661.76	31387.49	55288.01	35968.44	0.948406	0.748465	-0.07642	Nonsignifi
59664.05	73546.51	36091.34	81665.09	54647.62	0.966546	0.811181	-0.04909	Nonsignifi
2999152	8062850	7554097	4620035	6175999	1.530345	0.264074	0.613857	Nonsignifi
210417.7	209535.6	0	74240.13	211560.8	1.191888	0.474638	0.253249	Nonsignifi
185040.2	41367.76	302153.6	88113.09	168160	1.028145	0.934644	0.040043	Nonsignifi
31641.93	20120.03	7562.643	19007.44	3992.651	1.35023	0.390041	0.433205	Nonsignifi
6131847	3223082	2816751	2719143	3452981	0.92696	0.668588	-0.10942	Nonsignifi
344567.1	406225.4	367414.1	215526.9	464996.1	1.091584	0.497418	0.126423	Nonsignifi
0	138935.7	231954.7	0	35018.99	0.970521	0.971113	-0.04317	Nonsignifi
165003.7	25081.21	52090.48	432517.6	1181484	0.88792	0.816293	-0.1715	Nonsignifi
2303145	2775768	6315888	2680451	4973758	1.009799	0.961539	0.014069	Nonsignifi
455118.5	244840.2	156296.9	355087.1	185038.7	0.497059	0.067024	-1.00851	Nonsignifi
37853.05	23296.69	43741.61	34336.3	29213.66	0.954437	0.68949	-0.06728	Nonsignifi
62990.56	55885.22	112169.5	82603.81	70901.93	0.903894	0.605081	-0.14578	Nonsignifi
1113239	1739364	2008507	1295615	2863344	1.236842	0.216022	0.306662	Nonsignifi
0	0	37243.66	12818.84	33697.93	1.535928	0.112375	0.61911	Nonsignifi
822445.3	1063939	1628040	141458.7	1598054	0.974458	0.919222	-0.03733	Nonsignifi
154841.8	110910	106733.1	30355.6	89851.62	1.367009	0.197369	0.451022	Nonsignifi
142461.1	94515.31	219038.3	28936.56	0	0.644806	0.205882	-0.63306	Nonsignifi
0	95962.23	7191.12	27388.82	84756.7	0.51964	0.117155	-0.94442	Nonsignifi
403376.6	877113	4613206	611549.1	1338628	0.66957	0.221168	-0.57869	Nonsignifi
50369.71	62859.03	40618.29	44107.43	79851.06	1.302294	0.186146	0.381055	Nonsignifi
48853.16	0	0	0	0	0.883249	0.824662	-0.17911	Nonsignifi
8140.41	12837.8	6165.854	15453.1	0	2.078704	0.150026	1.055684	Nonsignifi
1705859	1969420	1569123	1812835	4731805	0.681863	0.193902	-0.55245	Nonsignifi
2000651	936382.8	1663581	577267.8	1111920	0.714198	0.186784	-0.4856	Nonsignifi
97478.61	203144.3	310612.9	144585	105646.8	1.495825	0.136355	0.580941	Nonsignifi
55678.48	26968.55	40543.84	47768.96	45156.72	1.126211	0.487617	0.171477	Nonsignifi
180501.3	103957.4	121986	131476.2	144620.2	1.022613	0.815867	0.032261	Nonsignifi
62060.36	76544.25	19128.39	0	150513.5	1.702292	0.152061	0.767479	Nonsignifi
246170.5	377877.5	241726.7	146390.8	1190036	0.847637	0.702267	-0.23848	Nonsignifi
0	0	22658.49	0	0	1.717659	0.277561	0.780444	Nonsignifi
7228828	5000837	6535541	6067541	5384404	0.7126	0.02582	-0.48884	Nonsignifi
62995.02	47157.09	46439.91	61316.66	60005.62	1.21245	0.070938	0.277925	Nonsignifi
133443.2	116735.8	33204.7	109227.2	112119.1	1.046448	0.871758	0.0655	Nonsignifi
56269.8	512007.6	67774.35	30228.32	60368.78	0.639318	0.314635	-0.64539	Nonsignifi
221833.7	185016	391700.3	209509.7	248810.4	0.92689	0.616838	-0.10953	Nonsignifi
220448.5	190158	158459.9	222743.5	187293.7	1.014467	0.854976	0.020722	Nonsignifi
997995.6	899955.4	698014	1078757	742068.6	0.93555	0.432809	-0.09611	Nonsignifi
22348.67	48998.12	23655.01	29442.16	40203.73	0.977193	0.896644	-0.03328	Nonsignifi
547949.6	486733.8	466896.1	575316.9	429908.1	0.962289	0.543949	-0.05546	Nonsignifi
4905.94	0	4941.871	0	0	1.959368	0.23115	0.970388	Nonsignifi
552158.5	764207.4	424275.6	279023.3	534892.4	0.922481	0.69837	-0.11641	Nonsignifi
0	21211.62	13963.17	0	55204.85	0.602982	0.242934	-0.72981	Nonsignifi

478023.3	1613449	984004.2	843534.6	785395.3	0.994003	0.975941	-0.00868	Nonsignifi
69019.15	111229.4	82860.44	51976.77	79864.29	0.972311	0.911924	-0.04051	Nonsignifi
14543564	21667040	10618891	10914901	14510260	0.980991	0.884939	-0.02769	Nonsignifi
234226.6	185851.7	0	73993.91	150012.8	0.7826	0.330995	-0.35365	Nonsignifi
13964118	16557020	16217682	12744688	12558112	1.100604	0.414872	0.138296	Nonsignifi
93039.82	162246.9	153542.5	119646.4	79641.34	0.790858	0.161684	-0.33851	Nonsignifi
90304.12	122229.4	110735.7	277706	143710.1	1.887463	0.265034	0.916448	Nonsignifi
74650.66	101672	68829.61	50232.64	30105.21	1.613478	0.0782	0.690174	Nonsignifi
2963614	2230365	3223339	1452860	2208459	1.532303	0.203958	0.615701	Nonsignifi
11619452	10654454	8949259	10161484	10929000	1.067646	0.557382	0.094433	Nonsignifi
149931.6	104812.3	306998.9	237475.9	199556.2	0.889797	0.516181	-0.16845	Nonsignifi
20430.19	0	61082.9	0	29086.67	1.174829	0.48365	0.232451	Nonsignifi
1280143	2157196	1126215	3265532	2653452	1.031965	0.898587	0.045395	Nonsignifi
65134.73	820772.8	101508.2	114416.7	135989.4	1.167686	0.681335	0.223652	Nonsignifi
142618	685953.6	813643.1	397316.2	116580.6	2.599293	0.039087	1.378119	Significant
16807012	20025468	23849026	389560.6	409926.5	2.170613	0.060602	1.118102	Nonsignifi
0	18698.32	13864.17	28366.79	12748.24	1.002074	0.99408	0.002989	Nonsignifi
197517.5	416920.3	1076543	1135126	938471.2	1.540938	0.108186	0.623809	Nonsignifi
2036433	3285071	3110724	2239040	4730989	0.89966	0.396047	-0.15255	Nonsignifi
85002.93	37749.57	89152.64	82676.03	42130.46	1.042878	0.83852	0.06057	Nonsignifi
286192.3	289912.8	319330.4	302660.9	385371.5	1.142068	0.299549	0.191648	Nonsignifi
74920.95	100601.6	109698	11234.76	8384.202	1.76776	0.424944	0.821923	Nonsignifi
684319.8	2000458	1223397	1521472	2134869	0.924269	0.601219	-0.11361	Nonsignifi
557699.8	550478.1	496739.2	349344.6	611330.1	1.212894	0.244243	0.278454	Nonsignifi
217091.2	84312.93	375918.2	118813.9	176917.5	1.325677	0.196149	0.406729	Nonsignifi
298410.4	462641.3	141991.6	129671.4	251284.1	1.035833	0.899668	0.050791	Nonsignifi
156264.3	172846.4	154934.8	0	0	1.844115	0.028989	0.882928	Significant
2177039	2643915	2072277	1533820	1405666	1.311513	0.286162	0.391232	Nonsignifi
9426800	4246827	5829828	1399833	5332932	0.715972	0.226992	-0.48203	Nonsignifi
2296513	3759735	1406407	2585241	1072473	1.649487	0.03027	0.722018	Significant
75103.7	328788.7	69680.34	56490.81	1315185	1.136477	0.786395	0.184569	Nonsignifi
232651.4	188470.5	159742.5	125234.2	182879.5	1.09517	0.461569	0.131155	Nonsignifi
98898.73	113290	52213.81	123491.4	192295	0.904881	0.617483	-0.1442	Nonsignifi
93021.71	118436.1	0	0	96450.27	2.041797	0.254367	1.029839	Nonsignifi
381798.7	772789.6	532601.8	326186.3	531590.8	1.059772	0.615131	0.083754	Nonsignifi
983300.1	921261.9	699600.8	609909.6	1766706	0.870964	0.450019	-0.19932	Nonsignifi
1291214	3209227	4132092	2754657	4151811	1.242223	0.330224	0.312925	Nonsignifi
839665.6	890841.6	1852082	709620.1	266900.3	1.092743	0.692563	0.127954	Nonsignifi
22170.01	26608.37	31077.41	25533.93	28593.28	0.960048	0.569023	-0.05882	Nonsignifi
512969	433387.8	1040186	406406.7	467296.6	0.920899	0.604611	-0.11889	Nonsignifi
26989.37	29519.51	35780.65	37011.37	26610.52	1.03868	0.872094	0.054752	Nonsignifi
21930.79	11916.35	9569.376	25994.01	13823.99	1.555789	0.058462	0.637647	Nonsignifi
23427.73	19365.31	21296.38	27107.22	23472.49	1.099781	0.557272	0.137216	Nonsignifi
5765786	6340287	5805853	7040059	5413483	0.891604	0.106712	-0.16552	Nonsignifi
309107.6	247844.7	225842.3	288205.6	197350.6	0.986362	0.780559	-0.01981	Nonsignifi
0	0	0	0	0	1.23221	0.55097	0.301248	Nonsignifi
71119.59	69071.34	85921.39	87846.36	63342.69	1.088733	0.298009	0.12265	Nonsignifi
1683890	1517020	1623234	1220309	1315998	1.019892	0.825268	0.028416	Nonsignifi
0	14030.42	14644.29	0	11312.08	0.901214	0.637466	-0.15006	Nonsignifi
46464.01	43581.11	31941.67	115382.2	65792.23	0.675559	0.504852	-0.56585	Nonsignifi
514894.7	371640	420864.9	671841.5	355303.4	0.947376	0.603812	-0.07799	Nonsignifi
4218470	5915904	6180995	4712881	5981381	1.098821	0.612315	0.135957	Nonsignifi
53668.77	133797.4	96997.57	68031.22	64895.14	1.106689	0.541609	0.14625	Nonsignifi
0	84345.39	156000.1	40656.4	115247.2	0.877897	0.733351	-0.18788	Nonsignifi
0	306410.7	114109.2	323276.7	570281.1	0.714295	0.289806	-0.48541	Nonsignifi
4331.01	0	4602.789	6966.834	0	1.157634	0.545776	0.211179	Nonsignifi
4196981	3420088	3230732	5371192	2828082	0.79062	0.038259	-0.33894	Nonsignifi
19215.99	17746.63	24904.1	15901.5	26832.05	0.883492	0.532904	-0.17871	Nonsignifi

0	2247549	0	0	2136509	1.079287	0.837558	0.110079	Nonsignifi
244694.2	403593.9	168961.6	312496.8	310718.8	2.102319	0.15482	1.071982	Nonsignifi
1340718	236223.5	362668.7	308766.5	1419069	1.271041	0.323647	0.34601	Nonsignifi
226733.6	461416.1	293020.9	262301.3	2689787	1.599612	0.609395	0.677722	Nonsignifi
122576.1	1371902	161788.2	116782.4	231031.7	3.089342	0.396892	1.6273	Nonsignifi
63833.96	251081.6	384909.5	132696.8	374105.7	1.325618	0.314329	0.406665	Nonsignifi
823744.1	841006	1736192	749882.2	1485600	1.633486	0.101032	0.707954	Nonsignifi
128459.1	147430	180788.6	127081.8	109288.7	0.906927	0.745429	-0.14094	Nonsignifi
577223.4	56691.16	857890.3	653309.9	587164.5	0.970159	0.856347	-0.04371	Nonsignifi
261952.8	189271.9	280709.9	206674	212558.2	1.202924	0.362059	0.266546	Nonsignifi
56794.62	62361.2	91390.11	24778.6	63225.72	0.636589	0.162593	-0.65157	Nonsignifi
1455706	480528	818553.3	1705683	1709095	1.185888	0.441304	0.245968	Nonsignifi
133261	105926.2	121465.5	77130.59	66950.09	1.351856	0.191307	0.434942	Nonsignifi
103607.9	191289	981958.9	343340.7	599709.1	0.330765	0.005799	-1.59612	Significant
0	68531.24	0	57542.51	70069.3	0.648504	0.064127	-0.62481	Nonsignifi
0	72841.16	28574.44	26127.54	42658.58	0.745707	0.285394	-0.42332	Nonsignifi
29501.97	71373.59	18363.71	31496.19	76973.58	4.119186	0.215835	2.042359	Nonsignifi
25461.38	228620.9	14812.01	23251.71	18099.03	0.514185	0.371064	-0.95964	Nonsignifi
34322.16	9980.463	24238.88	0	12356.74	0.526948	0.175596	-0.92427	Nonsignifi
0	20051.45	10298.25	16679.89	18086.57	1.104379	0.511843	0.143235	Nonsignifi
16494.14	24833.88	20881.58	17315.47	34793.72	0.577869	0.004535	-0.79118	Significant
524366.9	450020	399116	554480.1	427424.8	1.010259	0.878865	0.014726	Nonsignifi
41403.97	38516.2	53772.22	49516.78	28477.34	1.432183	0.057726	0.518216	Nonsignifi
550194.2	1384158	559428.9	756633.9	881966.9	0.915558	0.68303	-0.12728	Nonsignifi
821211.5	1725399	1059286	763060.4	1457522	0.673452	0.08623	-0.57035	Nonsignifi
416540.1	506086	752546.9	238722.5	353279.3	1.627281	0.05824	0.702464	Nonsignifi
82526.95	49793.22	67452.48	112813.8	395269.6	1.753634	0.231298	0.810348	Nonsignifi
495658.4	557028.2	492709.2	490811.4	491270.8	0.886335	0.470236	-0.17408	Nonsignifi
576370	527651.6	569638	525989.8	873222.4	1.128286	0.329544	0.174133	Nonsignifi
50626.99	54214.32	6389.525	166837.6	39191.39	3.275612	0.03563	1.711764	Significant
87260.61	34538.07	65754.1	50575.29	151078.2	1.966372	0.125905	0.975536	Nonsignifi
4139822	5429094	4771472	2528162	4670981	0.937541	0.719684	-0.09305	Nonsignifi
304063	178427.8	176139.6	246279.6	1584353	1.663675	0.227012	0.734374	Nonsignifi
0	59943.34	80918.06	55066.55	92862.69	1.429762	0.167933	0.515775	Nonsignifi
424665.5	340774.8	352190.1	442054.8	551658.9	1.711299	0.106806	0.775092	Nonsignifi
266102.9	332098.8	1081486	195647.7	1564997	2.000184	0.135179	1.000133	Nonsignifi
1329576	1150677	1395412	284194.5	1907907	1.232148	0.414882	0.301175	Nonsignifi
293553.8	148976.6	1178637	128385.3	1687262	1.410572	0.382444	0.49628	Nonsignifi
321446.9	147515.4	219304	148960.3	538385.3	1.367484	0.147357	0.451524	Nonsignifi
531814.6	213703.1	99927.48	135773.5	276327.2	0.776472	0.491469	-0.36499	Nonsignifi
100228.1	89020.36	108700.2	122847.6	97964.55	1.14124	0.389824	0.190603	Nonsignifi
0	0	50743.29	0	24078.68	0.482834	0.248835	-1.0504	Nonsignifi
16840.32	28865.79	3803.617	17743.29	17104.54	1.115442	0.500755	0.157616	Nonsignifi
10358878	10822323	13310423	44593868	11089455	1.92094	0.027884	0.941813	Significant
52148492	71192160	46888688	80908232	70629568	1.355782	0.250701	0.439125	Nonsignifi
13588.97	15808.99	0	13144.83	16649.51	1.430537	0.174341	0.516557	Nonsignifi
0	73013.67	0	12074.15	0	0.514623	0.298589	-0.95841	Nonsignifi
0	0	0	0	9778.183	0.599637	0.063001	-0.73784	Nonsignifi
38310.75	79577.95	21564.68	172450.1	12361.65	1.653674	0.336667	0.725675	Nonsignifi
24378.23	20985.6	29484.1	21854.82	23048.58	1.648105	0.098935	0.720809	Nonsignifi
9424.588	14722.98	19723.96	4165.752	12012.88	1.195746	0.536736	0.257912	Nonsignifi
48994.54	0	29298.45	19753.04	23872.28	0.80856	0.543373	-0.30657	Nonsignifi
2602.146	0	3484.372	0	1607.722	0.625488	0.129123	-0.67695	Nonsignifi
0	0	0	30967.95	0	2.464053	0.262555	1.301033	Nonsignifi
55347.16	30290.06	36263.31	57357.66	80111.88	1.022333	0.943072	0.031865	Nonsignifi
58664.96	61937.64	50564.18	69789.55	180823.7	1.486053	0.038433	0.571486	Nonsignifi
0	0	0	0	16740.99	0.896606	0.880825	-0.15745	Nonsignifi
168612.1	274836.9	364796.1	335557.3	267447.3	1.306231	0.148351	0.38541	Nonsignifi

129116.9	139676.4	395593.5	162279.9	142819	1.501939	0.167523	0.586826	Nonsignifi
177048.9	42058.91	78373.58	9685.919	111673.4	0.857538	0.671584	-0.22173	Nonsignifi
5042458	6700274	7328881	4107996	11319295	1.129641	0.526999	0.175864	Nonsignifi
403702.1	216576	500593.9	237882.6	247659.3	1.125224	0.551122	0.170212	Nonsignifi
3470816	1006532	2671412	899170.6	1579870	0.801336	0.447337	-0.31952	Nonsignifi
149994.9	238024.5	0	133260.3	134173.1	0.826913	0.316779	-0.27419	Nonsignifi
82051.01	114438.7	137007.4	107976.5	119373.2	1.582288	0.019549	0.662012	Significant
0	9381.617	0	0	13920.18	0.690458	0.021418	-0.53437	Nonsignifi
454041.8	296754.4	209201.9	135765.5	738328.9	0.963503	0.865943	-0.05364	Nonsignifi
840399.8	918629.6	1550386	953825.4	977932.7	1.322755	0.377527	0.403546	Nonsignifi
175477.7	209548.2	238210.5	119193.8	150725.2	1.521277	0.075286	0.605283	Nonsignifi
75396.92	196013	47673.21	42300.48	131568	1.166526	0.552098	0.222219	Nonsignifi
0	33688.28	667613.1	25066.38	96305.48	0.468699	0.399005	-1.09327	Nonsignifi
4247221	227831.5	45626.65	4370960	197908.6	1.099473	0.889319	0.136812	Nonsignifi
34241.36	30023.69	84222.69	54729.63	61123.45	1.760296	0.024676	0.815818	Significant
66504.7	41452.26	80776.91	33819.05	85082.38	1.08787	0.685499	0.121507	Nonsignifi
0	73042.8	0	147076.1	94316.78	1.085619	0.80282	0.118518	Nonsignifi
1430936	1591792	2461148	1751792	2691566	1.180915	0.240854	0.239905	Nonsignifi
224772.6	313462.9	105245.8	222575.6	188574.2	0.829231	0.265769	-0.27015	Nonsignifi
0	13469.4	8638.654	9720.021	17259.35	1.377469	0.251488	0.46202	Nonsignifi
99627.89	35340.62	56305.84	14398.65	56364.2	1.468136	0.464592	0.553986	Nonsignifi
9746.094	66129.29	0	0	0	0.979549	0.977028	-0.02981	Nonsignifi
183846.4	300691.5	332540.3	0	366707.9	1.190911	0.276734	0.252066	Nonsignifi
627669.7	530334.9	775632.6	552830.6	1077105	1.421237	0.081374	0.507147	Nonsignifi
205368.5	344764.8	448998	136614.9	448575	1.065687	0.690201	0.091784	Nonsignifi
0	163652.5	0	92367.35	226983.4	2.139893	0.377287	1.097538	Nonsignifi
1576435	2935271	2197111	1781228	3156095	1.47115	0.009393	0.556944	Nonsignifi
392434.3	371945.3	202816.7	169828.5	258521.1	1.247658	0.197139	0.319222	Nonsignifi
285049.8	311588.3	292907.5	315569.7	320826.9	1.450847	0.052506	0.536895	Nonsignifi
59496.94	1336172	3065491	112431.5	487016.6	2.402391	0.046686	1.264471	Significant
967721.8	1024650	2247565	853648.1	1903246	1.037418	0.843831	0.052997	Nonsignifi
56758.35	79909.75	35424.61	53424.19	80238.69	1.72079	0.041916	0.783071	Significant
129825.1	107857.4	99801.38	46987.81	62412.38	1.009663	0.960018	0.013874	Nonsignifi
0	13187.62	0	21810.81	26973.18	0.956591	0.919889	-0.06403	Nonsignifi
293160.8	245852.3	263471.6	388730.8	152207.2	1.004316	0.975383	0.006213	Nonsignifi
144393	234847	213183.9	233438.2	384408.3	1.879866	0.002032	0.91063	Significant
0	88076.16	0	0	0	0.774436	0.442359	-0.36878	Nonsignifi
0	0	0	0	321906.7	1.470586	0.314356	0.556391	Nonsignifi
38064.86	122117	120805.2	71097.1	142811.2	1.228775	0.427481	0.297221	Nonsignifi
95121.18	87114.95	12577.85	61320.16	68380.8	1.180746	0.48097	0.239699	Nonsignifi
781901.6	522072.2	1646113	955166.7	1060668	1.157021	0.446512	0.210415	Nonsignifi
339093.5	176866.1	165664.1	153038.5	384388.9	1.033915	0.906083	0.048118	Nonsignifi
942698.4	90439.26	883307.4	1012729	104148.9	1.049242	0.913789	0.069347	Nonsignifi
12110.86	10741.95	21188.46	20161.79	35785.07	0.766872	0.263061	-0.38294	Nonsignifi
90223.34	99720.31	165690.6	96884.49	59866.3	1.05114	0.937888	0.071955	Nonsignifi
12017.18	6532.397	20041.84	25493.37	26311.68	1.001996	0.995896	0.002877	Nonsignifi
870745.8	1302182	622390.8	1027399	1131593	0.811334	0.1535	-0.30163	Nonsignifi
390045.9	120640.6	376208.5	733847.4	352138.3	1.147887	0.587096	0.198981	Nonsignifi
11734840	9796603	11421370	9083860	13299498	0.914958	0.537456	-0.12822	Nonsignifi
236619.6	316805.1	212266.7	629469.3	199661.5	1.110699	0.500607	0.151468	Nonsignifi
1311737	859283.1	1298105	543519	1267552	0.690451	0.036571	-0.53439	Nonsignifi
428504.6	1067374	951629.8	1107092	657077.9	1.494272	0.263435	0.579443	Nonsignifi
417158.8	671359.3	128739.6	76758.89	133334.5	2.251687	0.087638	1.171007	Nonsignifi
104603.6	189540.1	0	182522.3	0	0.567349	0.243319	-0.81769	Nonsignifi
52256.25	250694.4	204077.1	117989.7	100838.7	1.334046	0.502995	0.415808	Nonsignifi
116418.4	608542.4	277243.3	96387.42	331312.2	0.774565	0.306405	-0.36854	Nonsignifi
860857.8	62272.03	166993.9	223149.1	549638.3	0.631283	0.204525	-0.66364	Nonsignifi
923629.5	716149.5	551888.4	526847.1	432667.8	1.312252	0.210827	0.392044	Nonsignifi

394814.7	181198.9	417787.7	559905.9	447165.9	1.947458	0.043946	0.961592	Significant
129361	230325.1	92512.47	105595.4	105530.2	1.055589	0.864158	0.078048	Nonsignifi
61580.24	97737.84	46828.5	46278.07	207199.3	0.69232	0.264118	-0.53049	Nonsignifi
1304966	2107237	2930970	1500522	863913.8	1.353017	0.159747	0.43618	Nonsignifi
23029.37	36581.78	39326.51	35741.7	20331.39	0.370853	0.001563	-1.43108	Significant
0	60800.82	129989.6	0	146276.9	1.316133	0.329289	0.396306	Nonsignifi
0	85810.69	84214.73	66824.86	56647.86	1.225099	0.350891	0.292898	Nonsignifi
0	0	0	0	0	1.171823	0.691458	0.228755	Nonsignifi
913455	3325347	1043320	930561.7	863991.8	1.427954	0.204319	0.51395	Nonsignifi
0	64055.71	20940.84	110806.6	0	1.317795	0.599435	0.398126	Nonsignifi
92093.73	47866.68	60592.07	28783.24	30742.26	0.907603	0.615288	-0.13987	Nonsignifi
0	40152.94	0	46465.56	2993.414	0.958622	0.929945	-0.06097	Nonsignifi
897756.9	1432088	1208963	1790077	2826148	1.117968	0.539363	0.160878	Nonsignifi
192117.7	81185.26	168666.2	41164.59	209341.4	0.549577	0.205868	-0.86361	Nonsignifi
32872.38	55169.75	76293.48	269885.8	88352.93	0.842567	0.618072	-0.24714	Nonsignifi
0	1979630	0	34949.77	54739.55	1.600089	0.786908	0.678152	Nonsignifi
712398.4	222122.9	1060840	128162.1	637408.8	1.224541	0.505841	0.292241	Nonsignifi
68126.16	134769.8	44754.41	123304.3	476108.1	1.472312	0.214829	0.558083	Nonsignifi
1145594	216004.5	3768541	1506253	3783216	0.964008	0.889183	-0.05288	Nonsignifi
255505.5	138312.8	351496.2	311126.5	518169.8	1.438679	0.318551	0.524744	Nonsignifi
0	0	0	0	0	0.432513	0.030838	-1.20918	Significant
63879.75	13041.47	14823.09	23427.6	11922.1	0.694646	0.20424	-0.52565	Nonsignifi
26991.16	137695.8	57666.36	23033.23	0	0.900897	0.694838	-0.15057	Nonsignifi
0	31600.22	0	88791.59	8502.249	3.566956	0.056484	1.834693	Nonsignifi
26820.86	141385.4	0	0	116512.7	0.480388	0.148319	-1.05773	Nonsignifi
82575.72	101271.8	65455.77	178265.5	225682.3	0.866182	0.54266	-0.20726	Nonsignifi
17987.43	63688.16	119818.7	74301.25	201559.4	0.910168	0.749374	-0.1358	Nonsignifi
12209.71	21979.14	22715.64	13484.92	51196.54	2.599097	0.143569	1.378011	Nonsignifi
187299.7	63518.23	140398.5	24138.13	147073.7	0.789008	0.411617	-0.34189	Nonsignifi
105664.8	139933.9	100898.2	54393.38	108277.6	0.936867	0.628113	-0.09408	Nonsignifi
260308	1188067	519847.3	214759.2	401231.6	0.969201	0.899157	-0.04513	Nonsignifi
0	0	0	37514.32	0	0.920663	0.803902	-0.11926	Nonsignifi
38221.08	71689.22	19899.27	17534.67	18382.19	0.983422	0.96058	-0.02412	Nonsignifi
266956.7	701614.7	262313.4	179913.4	1079009	1.213283	0.565225	0.278916	Nonsignifi
68195.61	26790.96	57432.29	18816.74	15542.59	1.390605	0.336545	0.475713	Nonsignifi
65528.2	73273.42	62019.01	60980.02	65245.25	1.3723	0.050984	0.456595	Nonsignifi
49080.85	24068.37	33614.14	24991.08	35223.21	1.08224	0.779402	0.11402	Nonsignifi
11508.82	15823.89	38664.96	32969.13	44460.55	1.225579	0.477254	0.293463	Nonsignifi
290598.7	94617.34	497670.5	159447.4	280185.2	0.933822	0.774318	-0.09878	Nonsignifi
58083.29	117591	175860	378047.9	214834.8	1.451557	0.067324	0.537601	Nonsignifi
12234.02	48595.7	10989.18	8263.18	18002.49	1.162476	0.696195	0.217201	Nonsignifi
278192.9	133211.4	236450.1	182238	417000.3	1.448024	0.136778	0.534086	Nonsignifi
0	164465.5	159806.5	0	0	0.875198	0.424078	-0.19232	Nonsignifi
14325.48	23224.98	6679.745	10746.5	70961.91	0.998523	0.996805	-0.00213	Nonsignifi
155081	298878.1	291443.2	94877.84	241729.5	1.422853	0.041054	0.508786	Nonsignifi
4024389	341133.3	9456408	3493970	8113936	0.686741	0.276056	-0.54216	Nonsignifi
336914.6	751996	591319.1	413399.3	547696.7	0.92156	0.663533	-0.11785	Nonsignifi
74656.23	50166.64	13072.53	70012.49	24043.54	1.401837	0.219048	0.487319	Nonsignifi
68795.98	61929.6	95663.55	42365.1	75962.12	1.122624	0.708086	0.166875	Nonsignifi
1232552	540138.1	1511672	2159217	2113623	0.891837	0.586488	-0.16515	Nonsignifi
31239.83	28047.09	77491.8	57349.51	112297.7	0.992619	0.980333	-0.01069	Nonsignifi
181471.6	169499.3	395361.5	379879.3	269057	1.080491	0.57354	0.111687	Nonsignifi
125333.3	388782	270487.7	236916.2	123852.6	1.391524	0.091504	0.476665	Nonsignifi
1148114	1259137	780397.6	1688436	1156926	0.925111	0.390785	-0.1123	Nonsignifi
4310.886	0	0	6362.27	0	1.498386	0.136805	0.583409	Nonsignifi
3729.905	3825.577	5256.752	3045.195	3744.503	1.732152	0.341927	0.792566	Nonsignifi
0	0	0	0	0	0.394223	0.042599	-1.34292	Significant
3316267	2781627	1653130	2385792	2448982	0.890237	0.209897	-0.16774	Nonsignifi

18456.69	11100.35	5466.329	12309.39	8117.243	1.391024	0.10821	0.476148	Nonsignifi
2936604	1882079	8487510	3031154	2746900	0.984823	0.948656	-0.02206	Nonsignifi
4840.727	0	13891.03	5998.446	13181.68	1.561869	0.160802	0.643274	Nonsignifi
0	0	0	41292.86	35040.96	0.940399	0.658405	-0.08865	Nonsignifi
13257.56	10460.32	15284.49	18316.8	7755.771	1.145808	0.674101	0.196366	Nonsignifi
1143516	1054182	1225122	885287.1	944541.9	0.880016	0.134673	-0.1844	Nonsignifi
11211878	9266427	9766963	11212867	8685727	0.781641	0.015915	-0.35542	Nonsignifi
8187942	6465892	6908257	11345410	7895971	0.853184	0.053168	-0.22907	Nonsignifi
5883.51	4720.064	0	4152.587	5418.713	2.153988	0.071578	1.10701	Nonsignifi
11698.9	11469.31	11926.71	13437.11	13613.62	0.991099	0.960762	-0.0129	Nonsignifi
13725.69	0	18975.89	11559.72	12718.27	3.630829	0.333194	1.860299	Nonsignifi
2660.434	4847.483	7831.351	5232.649	4578.263	1.125508	0.363552	0.170576	Nonsignifi
0	9109.355	13886.38	0	10727.39	1.439974	0.208127	0.526042	Nonsignifi
103843	68942.05	43219.46	112435	120915.3	1.006561	0.972943	0.009434	Nonsignifi
178639.1	148093.9	164066.2	183137.5	339575.4	0.767614	0.318259	-0.38155	Nonsignifi
1610045	1451929	1482825	1628433	1480888	0.955544	0.654746	-0.06561	Nonsignifi
31853.67	30287.49	33455.71	36348.21	29354.39	0.759812	0.071621	-0.39629	Nonsignifi
249633.8	288364.1	252327	240286.2	247420.4	0.99721	0.986821	-0.00403	Nonsignifi
16620.86	14581.17	35106.13	19559.54	23612.74	1.695745	0.059008	0.761919	Nonsignifi
355497.8	769840.3	400087.2	340915.6	597326.6	0.91757	0.515885	-0.12411	Nonsignifi
155151.6	389114.9	450450.4	199646.5	206741.7	0.990783	0.96054	-0.01336	Nonsignifi
207065.8	581921.9	144994.8	166761.4	1150923	0.829622	0.546468	-0.26947	Nonsignifi
250544.2	1241707	272810.2	264764.3	576494.1	0.530747	0.147999	-0.9139	Nonsignifi
51906.06	135334.9	115326.9	111397.8	268739.8	1.156278	0.501631	0.209489	Nonsignifi
15219.84	23107.93	239819.2	11200.25	5335.02	0.302754	0.113204	-1.72378	Nonsignifi
90607.5	135532.3	278148.5	255922.1	227912.4	1.122994	0.65651	0.16735	Nonsignifi
0	0	0	0	0	3.005081	0.089551	1.587404	Nonsignifi
581008.1	428391.4	350016.7	500922.4	465765	1.408202	0.004693	0.493855	Nonsignifi
81848.27	76977.65	93797.53	86610.16	0	1.062961	0.544751	0.088089	Nonsignifi
135237.9	607409.4	210748.5	204171	235075.6	0.77769	0.241758	-0.36273	Nonsignifi
62815.86	57467	56241.68	14085.86	59346.38	1.122312	0.724129	0.166474	Nonsignifi
31304.14	47168.05	0	0	0	2.316735	0.309205	1.212093	Nonsignifi
328660	263277.4	407851.9	284632.1	779719	1.346295	0.141867	0.428995	Nonsignifi
219865	242318.3	182284.2	56093.57	0	0.886277	0.717868	-0.17417	Nonsignifi
109558.4	127895.5	115861.3	277577.2	155718.5	1.04053	0.90388	0.057319	Nonsignifi
143743.8	179725.2	93673.13	181831.1	116106.1	1.052106	0.814977	0.07328	Nonsignifi
821614.6	738762.1	1115505	1216608	2457819	1.164635	0.395211	0.219878	Nonsignifi
0	52237.18	51366.89	37656.34	85613.15	1.256038	0.404247	0.32888	Nonsignifi
83927.88	203877.3	75715.88	83025.33	64278.53	2.350818	0.373699	1.233163	Nonsignifi
56834.14	135982	72859.66	56131.19	53501.99	2.360951	0.000546	1.239368	Significant
98061.03	273242.1	49716.31	213155.4	400109.3	1.255626	0.385273	0.328406	Nonsignifi
2745560	1769715	3600402	2516322	1522435	1.077255	0.774889	0.10736	Nonsignifi
113576.7	196519.8	226488.5	178583.8	164199.9	1.018517	0.910287	0.02647	Nonsignifi
23759.02	90242.07	121524.8	114369.1	55949.88	1.422743	0.124822	0.508675	Nonsignifi
30473.19	35150.23	118090.3	32466.69	70680.2	3.085285	0.042356	1.625404	Significant
43322.63	18970	17454.36	32968.95	18392.62	1.337391	0.208483	0.419422	Nonsignifi
1224983	2529024	1314424	1153872	2198171	1.10283	0.518292	0.141211	Nonsignifi
308722.6	436557.2	494820.7	400276	443434	1.020613	0.878937	0.029435	Nonsignifi
527661.4	783156.8	331332.2	533858.8	725089.5	1.237068	0.486703	0.306924	Nonsignifi
53567.57	52206.03	25894.68	0	0	5.715415	0.2593	2.514858	Nonsignifi
16501488	24235268	28529770	13498662	26919434	1.041024	0.811828	0.058004	Nonsignifi
4765495	5840754	6631747	3324713	5449329	1.43928	0.009846	0.525347	Nonsignifi
18284.92	17140.76	31970.54	17349.73	0	1.363333	0.273533	0.447138	Nonsignifi
18841.74	20929.95	29640.91	0	19559.39	1.135093	0.544104	0.182811	Nonsignifi
11174	14049.99	24958.72	0	0	2.559291	0.012042	1.355744	Significant
35877.66	342706.8	0	0	0	0.715063	0.453963	-0.48386	Nonsignifi
26911.81	77323.42	56002.02	48209.22	0	0.774324	0.301238	-0.36899	Nonsignifi
0	69887.91	48875.57	46529.96	23605.22	0.910068	0.710108	-0.13595	Nonsignifi

229335.2	501540.5	203114.8	363672.2	407302.9	1.173025	0.327304	0.230234	Nonsignifi
149763.2	135955.5	305011.5	146320.8	267343.3	0.949043	0.781947	-0.07545	Nonsignifi
29940.84	35571.38	44187.2	21356.7	31497.54	0.804209	0.56097	-0.31436	Nonsignifi
284122.5	126359.7	206940.2	174240.3	237601.5	1.764045	0.191806	0.818887	Nonsignifi
625630.6	618912.9	706786.5	409423.7	908297.6	1.32315	0.288967	0.403976	Nonsignifi
0	17086.74	5131.492	7358.662	16671.18	1.591918	0.218487	0.670766	Nonsignifi
0	0	0	64036.14	187615	0.753393	0.538668	-0.40853	Nonsignifi
16935.11	30569.06	56200.17	66024.83	37546.18	1.87817	0.086496	0.909327	Nonsignifi
479412.6	739272.3	861944.5	474542.8	470299.4	0.757925	0.557231	-0.39987	Nonsignifi
67575016	69468752	66207112	51971948	68394184	0.994659	0.970236	-0.00773	Nonsignifi
1819254	603254.3	361002	628668.8	677214.7	1.077943	0.829109	0.108281	Nonsignifi
36510.96	91644.72	68126.27	0	175109.8	0.994019	0.978182	-0.00865	Nonsignifi
383834.9	1011569	616401.4	607607.9	769232.3	0.700058	0.102321	-0.51445	Nonsignifi
0	29829.28	0	46145.59	52016.74	0.722222	0.195385	-0.46949	Nonsignifi
0	289283.1	0	144914.3	0	1.952856	0.321553	0.965585	Nonsignifi
3297202	5255782	1298276	3682932	797827.3	1.622457	0.087832	0.698181	Nonsignifi
224772.6	313462.9	97913.33	121579.1	176250	0.82845	0.390744	-0.27151	Nonsignifi
104193.8	199851.2	107805.9	91207.01	230128.4	0.864993	0.528604	-0.20924	Nonsignifi
0	124157.2	60824.32	34046.3	84720.16	1.154359	0.502189	0.207092	Nonsignifi
397560.3	456739.2	839548.1	685001.9	180355.8	1.979387	0.023338	0.985053	Significant
274727.6	131546.6	232111.2	240067.5	203168.9	1.224536	0.304195	0.292235	Nonsignifi
381590.5	5175066	602462.4	3407638	6896863	0.566448	0.169964	-0.81998	Nonsignifi
8340418	5649035	6098278	8227539	7045255	0.934652	0.296238	-0.0975	Nonsignifi
0	57480.3	0	0	72672.02	3.039001	0.013189	1.603597	Significant
0	0	0	0	33840.19	1.015242	0.897276	0.021824	Nonsignifi
21497358	15999864	17877260	17513216	12031941	0.830809	0.185045	-0.26741	Nonsignifi
174886.5	239794	352796.8	86480.31	100819.2	1.138605	0.485657	0.187268	Nonsignifi
4362.011	5059.601	0	4557.656	5239.711	0.810984	0.037932	-0.30226	Nonsignifi
7576.509	7163.1	13552.82	0	4901.171	1.380118	0.31984	0.464792	Nonsignifi
0	20328.05	23703.15	0	230177.6	1.417481	0.2823	0.503329	Nonsignifi
12533.22	9634.947	12998.7	17225.88	11470.14	1.176445	0.054772	0.234433	Nonsignifi
10104907	8639706	8691321	12654672	8677639	0.911467	0.127741	-0.13374	Nonsignifi
179656.9	172505.5	151487.4	189368.3	175313.6	0.907864	0.575212	-0.13945	Nonsignifi
4571807	1930271	3430493	3695399	3144928	0.86099	0.210629	-0.21593	Nonsignifi
151976.8	153432.9	179850.3	153301	156415.7	0.71162	0.003665	-0.49082	Nonsignifi
163001.2	114787.4	204044.4	149456.2	186184.7	1.138148	0.397161	0.186688	Nonsignifi
321828.3	324873.1	277287.5	280157.1	426420.1	0.827704	0.298492	-0.27281	Nonsignifi
8473.228	6406.945	0	0	6009.424	1.353256	0.14851	0.436434	Nonsignifi
22220.83	23566.19	0	21139.05	0	1.296705	0.122103	0.37485	Nonsignifi
96960.01	131624.6	107735.8	162192.2	91407.7	0.999496	0.996475	-0.00073	Nonsignifi
590414.9	855583.7	593076.9	1022304	1493879	0.941478	0.581096	-0.087	Nonsignifi
288453.3	664692.3	2188981	1697185	2305441	1.348132	0.35939	0.430962	Nonsignifi
25102.44	32916.98	31160.76	18976.14	26274.29	0.882458	0.477042	-0.1804	Nonsignifi
6254.728	21921.08	8846.853	3840.004	6624.642	2.498079	0.032062	1.320819	Significant
15676.03	8208.28	0	10256.81	15746.21	1.461877	0.161519	0.547822	Nonsignifi
878229.4	1485949	0	1732895	731237.8	1.123984	0.566891	0.168622	Nonsignifi
442353.7	292193.3	321944	496798.8	307650.5	0.857264	0.239594	-0.22219	Nonsignifi
72916.61	66379.06	54058.46	83337.2	31477.8	0.962624	0.725625	-0.05496	Nonsignifi
42762.82	7876.408	35300.45	22478.39	23934.07	0.945163	0.837111	-0.08136	Nonsignifi
4187324	3764536	3459237	4077988	3286252	1.152028	0.391192	0.204176	Nonsignifi
13606.33	0	114462.6	0	0	0.365461	0.487859	-1.45221	Nonsignifi
17228.99	0	19291.54	15655.46	13433.47	0.936064	0.80163	-0.09532	Nonsignifi
0	0	0	3425.685	0	3.724594	0.314125	1.897083	Nonsignifi
8532.441	23612.72	10205.01	15976.28	17255.99	1.141687	0.609662	0.191168	Nonsignifi
861372.7	1128111	1066580	941072.8	916373	0.785315	0.028284	-0.34866	Nonsignifi
50612.73	141622.2	94620.43	108374.4	31524.55	1.595027	0.044973	0.67358	Significant
99489.38	148808.4	26487.41	59705.45	39517.3	0.819349	0.359341	-0.28745	Nonsignifi
5223082	4808008	4987936	4387976	4562295	0.935653	0.499152	-0.09596	Nonsignifi

0	0	44036.34	16347.01	16742.71	0.809015	0.455041	-0.30576	Nonsignifi
2341908	2998404	5773738	2746927	4781742	0.977965	0.881769	-0.03215	Nonsignifi
623331.6	149699.3	468159.3	323667.1	322590.7	3.237057	0.060763	1.694683	Nonsignifi
12894.31	139714.1	250286.1	0	238788.3	1.158667	0.752042	0.212466	Nonsignifi
1365516	1013739	611283.9	1037664	1438036	0.610597	0.007559	-0.71171	Significant
0	1458.088	0	0	0	237.8732	0.128864	7.894049	Nonsignifi
0	55969.79	0	0	0	1.57289	0.388405	0.653418	Nonsignifi
70776.72	50409.98	97301.09	50069.75	63558.62	0.593795	0.033241	-0.75196	Significant
718751.4	502819.6	80478.46	59792.92	626695.8	0.924991	0.836099	-0.11249	Nonsignifi
0	8425.525	0	0	12503.95	1.838747	0.303298	0.878723	Nonsignifi
5176494	4716164	3678418	4579328	3660636	0.751101	0.005101	-0.41292	Nonsignifi
0	3018.199	4222.896	4069.149	5037.016	1.696199	0.474338	0.762306	Nonsignifi
56064.91	75788.36	84683.78	81011.13	77539.83	0.875463	0.30395	-0.19188	Nonsignifi
26185.09	22240.96	33224.97	18781.52	25054.27	1.049771	0.760085	0.070075	Nonsignifi
26557.14	26081.78	17192.07	16488.85	12478.28	1.487518	0.038086	0.572907	Nonsignifi
98893.98	116997.9	138191.1	119524.4	108273.6	0.639606	0.02857	-0.64474	Significant
4204.817	794814.5	2637.363	0	655758.7	1.586432	0.449693	0.665785	Nonsignifi
99413.95	0	0	13585.16	8153.617	0.64622	0.52775	-0.6299	Nonsignifi
190567.2	316951.2	234477.2	412463	529039.5	0.711015	0.047231	-0.49205	Nonsignifi
328748.1	309508.9	355690.3	375561.5	325852.1	1.04523	0.541898	0.063821	Nonsignifi
11992.38	39831.79	17909.49	0	0	0.869921	0.581282	-0.20104	Nonsignifi
203485.1	225523.1	41051.96	193535.2	392988.8	0.847228	0.550204	-0.23918	Nonsignifi
2164098	1711229	1813914	2219065	1701826	0.890009	0.291579	-0.16811	Nonsignifi
9279.475	16194.29	24649.57	22237.74	15767.05	0.98143	0.897802	-0.02704	Nonsignifi
43980.85	42329.21	33580.18	49763.64	53128.54	1.065764	0.673399	0.091888	Nonsignifi
748746.8	411423.3	855315.3	831733.1	708968.1	0.728578	0.09204	-0.45684	Nonsignifi
11960.38	20067.25	14829.09	25339.68	23401.49	1.259968	0.289611	0.333387	Nonsignifi
7032252	4492830	220336.4	205043.4	67962.41	0.10621	0.091679	-3.235	Nonsignifi
57349.67	58003.23	45295.63	40273.72	47601.62	0.861697	0.13503	-0.21475	Nonsignifi
27720.04	29983.83	8964.872	11191.54	2185198	0.786434	0.843511	-0.3466	Nonsignifi
0	0	21971.85	0	0	1.193036	0.628415	0.254638	Nonsignifi
14606503	11260518	11179716	15845355	10727354	0.978008	0.801755	-0.03208	Nonsignifi
30372.54	11421.15	28999.49	15182.03	52840.99	0.729132	0.21878	-0.45575	Nonsignifi
36782.48	0	65362.81	0	39313.31	0.897645	0.534719	-0.15578	Nonsignifi
0	0	0	0	8393.977	1.197753	0.606155	0.260331	Nonsignifi
5883.492	4720.104	8085.634	4152.207	5418.723	2.084095	0.12634	1.059421	Nonsignifi
207254.6	272850.8	261523.7	251868	261065.8	1.079972	0.456741	0.110994	Nonsignifi
20488.8	17072.09	17263.43	21137.04	20965.86	0.916152	0.5054	-0.12634	Nonsignifi
29482.7	30879.62	26794.43	19801.25	23700.76	1.026082	0.772454	0.037146	Nonsignifi
20154994	13096398	10353798	19262232	11812828	1.106071	0.519208	0.145444	Nonsignifi
204013.7	301063.8	303291.9	322841.6	155880.1	0.825475	0.14929	-0.2767	Nonsignifi
21918.44	12179.83	13038.6	19338.66	20528.34	0.768442	0.12461	-0.37999	Nonsignifi
23368.96	19681.86	23561.02	19356.37	24012.56	0.895806	0.183018	-0.15874	Nonsignifi
48051.85	38920.16	35293.39	54158.86	30354.36	1.193692	0.078952	0.255431	Nonsignifi
18671406	1536575	21621488	1489528	11605102	1.011929	0.967508	0.017107	Nonsignifi
0	120178	118081.3	188809.4	151527.6	1.293382	0.259218	0.371148	Nonsignifi
11467.53	6405.798	15147.83	8548.322	10837.67	1.276253	0.532792	0.351915	Nonsignifi
370055.9	82409.38	79043.45	72475.11	78762.47	1.27138	0.507285	0.346395	Nonsignifi
36381.73	39108.11	34554.49	38788.57	36816.35	0.77673	0.009949	-0.36452	Nonsignifi
66134.7	7571.687	14539.52	13144.32	9822.972	0.697795	0.426711	-0.51912	Nonsignifi
30480.26	38078.35	0	0	0	222.1201	0.168628	7.795196	Nonsignifi
507641.5	589241.1	1478339	702604.5	708074.1	0.973921	0.879809	-0.03812	Nonsignifi
294996.8	360945	630996.5	298440.1	484584.9	0.919413	0.526659	-0.12122	Nonsignifi
154043.8	119484	205349.3	193842.4	202744.9	0.707853	0.017854	-0.49848	Nonsignifi
17161946	4582531	5117707	10734233	3689177	0.887529	0.652608	-0.17213	Nonsignifi
19028540	15398260	14638816	16288024	12060362	1.022044	0.708577	0.031457	Nonsignifi
687512.4	842669.9	1005813	130254.3	864742.1	0.703386	0.165944	-0.50761	Nonsignifi
1428226	1247236	1107543	1730111	1308296	1.126323	0.414204	0.171621	Nonsignifi

9793667	11400393	8187964	11984689	7765900	0.871878	0.148181	-0.1978	Nonsignifi
102468.8	89055.05	71416.23	95853.58	64104.53	0.854985	0.093912	-0.22603	Nonsignifi
39317.29	49635.68	39097.16	42779.86	42139.44	1.019283	0.836458	0.027555	Nonsignifi
0	9704.38	10100.38	14885.47	20872.86	1.141062	0.468417	0.190378	Nonsignifi
463789.4	536586.3	617753.9	1050096	607168.6	0.592658	0.298795	-0.75473	Nonsignifi
2460768	1035486	1057598	4642439	2893366	1.08987	0.691606	0.124157	Nonsignifi
293950.4	0	200131.9	115436.3	0	1.319336	0.337165	0.399812	Nonsignifi
1374568	1028029	1019748	1219058	698444.6	1.002188	0.984244	0.003154	Nonsignifi
84558.37	0	0	106707.3	70262.09	0.764771	0.431007	-0.3869	Nonsignifi
0	0	9346.151	0	0	2.86408	0.230432	1.518072	Nonsignifi
0	0	0	0	170331.4	1.00384	0.989297	0.005529	Nonsignifi
6061.193	19568.05	25331.32	0	11978.45	0.582211	0.009968	-0.78039	Significant
17839888	15085668	14521758	14425155	11428952	0.865725	0.194515	-0.20802	Nonsignifi
18817.28	0	120529.3	240654.2	0	1.257413	0.679094	0.330458	Nonsignifi
25367.53	25872.51	4638.485	45927.25	2775.253	1.293558	0.540328	0.371345	Nonsignifi
0	0	37995.54	0	0	0.484491	0.194588	-1.04546	Nonsignifi
11601.25	13245.97	12032.96	25382.5	13512.34	0.876014	0.322868	-0.19097	Nonsignifi
3991276	4680946	3321131	8144493	3306953	0.777508	0.225867	-0.36307	Nonsignifi
2092.002	7633.247	4988.611	4526.674	0	0.90272	0.878978	-0.14765	Nonsignifi
14411.91	6128.164	7023.066	9010.063	7720.922	0.933841	0.640521	-0.09875	Nonsignifi
13083.42	15699.82	13571.09	10449.4	14164.34	1.51356	0.219293	0.597946	Nonsignifi
8362.204	12512.42	8232.905	8095.52	5557.616	2.98183	0.294193	1.576198	Nonsignifi
13999583	8165126	6469195	8887853	7895103	0.861411	0.251041	-0.21523	Nonsignifi
13610.16	15108.88	12317.6	13682.81	11134.85	1.040852	0.584514	0.057765	Nonsignifi
5753933	85099.2	5575277	5602710	4625280	0.733752	0.283226	-0.44664	Nonsignifi
1376470	1251706	835194	1810241	1125355	0.659462	0.005815	-0.60064	Significant
3482.225	3563.845	0	2652.856	0	0.988265	0.93389	-0.01703	Nonsignifi
9623.219	25087.5	12889.24	21567.47	21905.49	1.263535	0.47862	0.337466	Nonsignifi
10000.01	9264.424	5589.222	11272.75	10551.28	0.877093	0.272669	-0.1892	Nonsignifi
458668.4	888035.1	1033498	486713.5	477225.5	0.989606	0.943506	-0.01507	Nonsignifi
9425.491	9995.905	9349.727	10407.92	9527.777	1.219203	0.358369	0.285938	Nonsignifi
60067.31	53422.47	63782.56	67317.78	61809.88	0.862167	0.271212	-0.21396	Nonsignifi
274292.5	223630.8	185195.2	275969.9	183685.1	1.13758	0.252416	0.185969	Nonsignifi
33855.72	5121.6	0	12318.45	21091.72	2.20373	0.407425	1.139948	Nonsignifi
739268.4	87400.78	2155843	1828178	4236765	0.957459	0.925725	-0.06272	Nonsignifi
11454.69	0	5593.173	10859.09	14272.44	0.868044	0.56791	-0.20416	Nonsignifi
70044.8	49177.53	47475.45	10798.36	80298.21	0.48718	0.012445	-1.03747	Significant
30430.47	31968.44	15054.24	30465.67	20533.45	0.883921	0.37862	-0.17801	Nonsignifi
217579.8	443595.6	237224.1	350293.3	416975.6	0.967464	0.819889	-0.04772	Nonsignifi
26103.87	15718.26	9898.905	25105.42	18283.95	1.459599	0.057542	0.545572	Nonsignifi
0	0	0	0	0	1.509209	0.000313	0.593792	Significant
3525187	0	1354442	3008381	139525.7	0.894479	0.824092	-0.16088	Nonsignifi
222632.3	0	272099.5	211932.4	365838.5	0.816126	0.608472	-0.29314	Nonsignifi
1211596	1307639	2906617	1095945	2228139	1.645423	0.092602	0.718459	Nonsignifi
24611708	19545630	21783882	19953192	16765259	0.813968	0.007684	-0.29696	Nonsignifi
177335.5	134481.4	87853.91	136085.6	118454.3	1.740075	0.002528	0.79915	Significant
167560.8	11842.65	108524.7	106687.4	180773.9	1.569264	0.223077	0.650088	Nonsignifi
72160.34	66670.66	62929.09	84466.8	64729.02	0.954741	0.453438	-0.06682	Nonsignifi
22252.47	9463.732	9342.229	10714.78	8902.127	0.668063	0.062619	-0.58194	Nonsignifi
1977900	1935932	1877288	1998463	1491222	0.930019	0.311742	-0.10467	Nonsignifi
17677.05	17272.5	19135.12	22026.23	17092.7	1.286336	0.072711	0.363268	Nonsignifi
351661.8	210718.1	211327.3	306423.1	168859.5	0.667568	0.08737	-0.58301	Nonsignifi
1.22E+08	89377720	92847200	1.12E+08	99722312	0.728227	0.011259	-0.45754	Nonsignifi
20521024	16193525	15924272	14248529	14448649	0.8167	0.07397	-0.29212	Nonsignifi
1713451	112374.3	10232867	12221754	4332471	0.207498	0.122666	-2.26883	Nonsignifi
458222.6	364433.3	371488.3	406359.3	345744	0.91117	0.358609	-0.13421	Nonsignifi
5143728	5529897	4339940	5069797	4216563	0.911629	0.918589	-0.13348	Nonsignifi
3177846	5158317	1914558	3699890	2014442	1.576672	0.02952	0.656882	Significant

183698.9	284242.1	364944.8	128135.3	223711.8	1.319693	0.151522	0.400202	Nonsignifi
10224243	26911404	19572796	6914114	11597712	1.128422	0.525118	0.174307	Nonsignifi
51022.8	38051.72	23160.96	24770.67	32671.94	0.939316	0.639745	-0.09032	Nonsignifi
61831.44	41838.2	25600.38	49056.58	54868.57	0.756787	0.165537	-0.40204	Nonsignifi
0	0	0	0	50073.03	0.963945	0.840711	-0.05298	Nonsignifi
155647.6	156886.2	190469.3	143523.9	143339.2	0.909619	0.305088	-0.13667	Nonsignifi
50598.29	45137.95	38070.78	53727.39	47935.94	1.047918	0.825251	0.067526	Nonsignifi
1140522	1095984	996066.4	1457491	846790.1	0.952898	0.542528	-0.06961	Nonsignifi
47422.31	51988	91761.68	48534.29	38664.79	1.077919	0.665772	0.108248	Nonsignifi
40784.67	0	0	44952.45	42632.98	0.540576	0.601837	-0.88743	Nonsignifi
481085.8	6389174	298082.9	217903.1	498052.3	0.407915	0.203005	-1.29366	Nonsignifi
444312.6	188545.9	262942.4	336209.5	401763.7	1.28107	0.142023	0.357349	Nonsignifi
11973.54	13150.93	0	10694.8	0	0.86238	0.453666	-0.2136	Nonsignifi
40219.88	38529.27	32194.97	41666.76	70984.43	0.898497	0.590739	-0.15441	Nonsignifi
25411.68	20788.24	19505.38	23567.09	23930.52	0.967123	0.766424	-0.04823	Nonsignifi
157398.5	400288.8	140754	246945.7	165556.6	0.955122	0.843247	-0.06624	Nonsignifi
5377.875	0	0	7194.465	5063.504	1.084865	0.608482	0.117515	Nonsignifi
0	0	13922.46	0	0	0.672375	0.614558	-0.57266	Nonsignifi
4818425	3032144	4113540	4250683	3638901	0.82906	0.326231	-0.27045	Nonsignifi
48121.44	43792.57	40242.5	2189.771	1767.852	1.237252	0.683713	0.307139	Nonsignifi
17881.01	13540.91	12119.53	14145.46	10510.91	0.902735	0.400011	-0.14763	Nonsignifi
174632.2	157036.1	292382.4	148183	239181.5	0.78812	0.391218	-0.34351	Nonsignifi
1039040	269388.8	460989.8	593265.4	692307	0.91305	0.716715	-0.13123	Nonsignifi
124530.9	109295.3	147952.4	122193.1	15290.48	1.094912	0.577953	0.130815	Nonsignifi
1052318	1034661	761043	886828.9	808713.5	0.812846	0.091343	-0.29895	Nonsignifi
0	3003.923	0	0	5878.624	0.841096	0.41936	-0.24966	Nonsignifi
147718.3	112150.5	125058.7	111131.6	91356.14	0.790742	0.027817	-0.33872	Nonsignifi
0	57500.9	0	3761.608	1535.278	1.658808	0.311862	0.730147	Nonsignifi
23368.99	19681.89	23561.07	19356.38	24012.53	0.89	0.197771	-0.16812	Nonsignifi
4260.883	2649.162	3942.413	3092.094	0	0.757748	0.225163	-0.40021	Nonsignifi
1674508	2409186	2444248	1770227	3006832	0.765636	0.194517	-0.38527	Nonsignifi
3213354	2589175	1477039	844046.4	1758647	1.285541	0.223079	0.362376	Nonsignifi
616703.3	518989.8	393136.6	410435.4	396095.7	0.830599	0.285439	-0.26778	Nonsignifi
633211.5	547944.9	386345.1	589469.1	474676.9	0.994588	0.947065	-0.00783	Nonsignifi
2904663	1913651	1623303	2170896	1555475	0.873377	0.29822	-0.19532	Nonsignifi
0	0	0	0	2100.579	1.929876	0.156697	0.948508	Nonsignifi
0	26951.37	37226.82	36414.01	0	0.62247	0.299905	-0.68392	Nonsignifi
39647.78	15072.71	49035.45	32049.55	57938.96	1.038712	0.878928	0.054795	Nonsignifi
42769.15	38895.41	31612.48	43031.28	40316.85	1.042392	0.698264	0.059897	Nonsignifi
2997.04	0	21974.41	2337.332	51206.69	0.636548	0.47413	-0.65166	Nonsignifi
103697.2	125629.6	61113.86	44372.79	39868.56	1.551049	0.054566	0.633244	Nonsignifi
0	0	0	860.3972	0	4.016219	0.274294	2.005838	Nonsignifi
5285350	3728170	4066721	5369265	4148747	0.980173	0.754024	-0.02889	Nonsignifi
1.92E+08	1.41E+08	77278336	38638344	79189568	0.858827	0.537028	-0.21956	Nonsignifi
40297180	29324096	14775153	7516023	14270974	0.594821	0.091536	-0.74947	Nonsignifi
242530.6	203655.3	193806.8	257582.2	177364.4	0.996142	0.960604	-0.00558	Nonsignifi
6424872	4778519	6624800	6928198	4980261	0.881203	0.080979	-0.18245	Nonsignifi
586928.8	438944	561394.9	419647.3	1061278	1.107031	0.538079	0.146696	Nonsignifi
5361.505	8728.792	14546.13	11308.59	10687.26	2.419103	0.018836	1.274472	Significant
35838656	23997682	22151762	33854548	22856212	1.047957	0.643648	0.067579	Nonsignifi
65754972	59236108	46088352	51278772	44119652	0.811406	0.050683	-0.3015	Nonsignifi
1574357	1262013	1053904	1449178	1238852	0.990247	0.891283	-0.01414	Nonsignifi
4596616	6341658	7188203	6495847	7619584	0.883908	0.389403	-0.17803	Nonsignifi
293710.3	494510.1	362818.3	400351.6	476634.5	1.107056	0.618693	0.146729	Nonsignifi
576671.2	600089.7	689738.9	625071.6	616282	1.44561	0.061108	0.531678	Nonsignifi
325961.8	987027.7	322071.3	608101.3	1989438	0.428479	0.152263	-1.2227	Nonsignifi
394871.9	234119.5	684206.1	256389.4	205205.1	1.12464	0.709316	0.169463	Nonsignifi
81408.2	263473.8	657655.6	237502.5	192198.8	1.108477	0.752934	0.148579	Nonsignifi

20659.94	22934.27	39451.13	0	26379.39	1.104356	0.611399	0.143205	Nonsignifi
77260.52	62193.67	67289.86	112573.3	60362.52	0.815203	0.2104	-0.29477	Nonsignifi
40034264	58472536	46888284	43565612	63737736	0.846181	0.413122	-0.24096	Nonsignifi
11013.17	7527.082	11690.11	2981.158	8859.567	1.263971	0.193166	0.337963	Nonsignifi
235616.6	3421158	225904	130097.8	261454.7	0.400617	0.130194	-1.31971	Nonsignifi
30284496	3869710	23580774	26587308	19504436	0.744625	0.242828	-0.42541	Nonsignifi
41050756	48055052	80789416	38723660	44440792	0.872159	0.25506	-0.19734	Nonsignifi
1.01E+08	1.18E+08	2.08E+08	88393160	1.11E+08	0.816283	0.098111	-0.29286	Nonsignifi
68389520	76926112	1.34E+08	67388840	79653888	0.809248	0.050845	-0.30535	Nonsignifi
2225797	7189323	3452428	1529627	5130725	0.865069	0.531055	-0.20911	Nonsignifi
514296.6	477317.6	613786.3	920571.6	603443.1	0.897071	0.444741	-0.15671	Nonsignifi
7850929	9851279	6505413	6267168	7107996	0.809561	0.096517	-0.30479	Nonsignifi
5618966	3178728	14372135	2931964	4922527	0.963385	0.876856	-0.05382	Nonsignifi
5404588	2708480	3966357	4303820	4516854	0.902672	0.332424	-0.14773	Nonsignifi
3773195	3174594	4129582	4935911	3688242	1.059269	0.602141	0.083069	Nonsignifi
70465016	76211064	69237400	77501312	67352128	0.874471	0.268538	-0.19352	Nonsignifi
1.89E+09	1.47E+09	1.36E+09	1.62E+09	1.22E+09	0.925211	0.622878	-0.11215	Nonsignifi
118442.6	141756.7	87029.25	108093	91438.22	1.082539	0.503183	0.114419	Nonsignifi
1.12E+08	1.13E+08	1.11E+08	1.17E+08	84148392	0.976602	0.861379	-0.03416	Nonsignifi
61385868	45054412	37980704	53983724	44461152	0.909058	0.292252	-0.13756	Nonsignifi
57142.41	54796.25	55677.61	74801.91	62000.21	1.0626	0.720718	0.087599	Nonsignifi
138212.3	70196.83	109745	168154.3	94678.95	1.15703	0.151085	0.210426	Nonsignifi
12859911	11788362	8414528	15253364	9914557	0.870128	0.115129	-0.2007	Nonsignifi
4836062	2254995	2889220	2968368	2205756	1.037221	0.800938	0.052724	Nonsignifi
14247025	11684838	9652415	12702467	11341656	0.940798	0.508753	-0.08804	Nonsignifi
524262.5	440852.5	2242074	527748.6	957200.9	0.822648	0.551965	-0.28165	Nonsignifi
724219	1118549	3282364	687933.2	1205593	0.791758	0.424209	-0.33687	Nonsignifi
107917.5	96971.01	134813.1	141291.3	118441.1	0.982305	0.818904	-0.02576	Nonsignifi
3993.789	11969.74	74680.54	21054.58	15050.53	1.561861	0.4338	0.643266	Nonsignifi
559362.4	425804.2	364297.1	552598.9	546304.3	0.854705	0.069516	-0.2265	Nonsignifi
4150653	2711741	2368396	2513564	2149783	0.862012	0.213557	-0.21422	Nonsignifi
476056.8	8041446	315842.7	261859.6	602712.6	0.415576	0.248237	-1.26682	Nonsignifi
61448.4	43389.14	49794.99	55884.4	49448.08	1.0534	0.266479	0.075054	Nonsignifi
475471.3	569793.1	1814467	657392.6	999362.4	0.635119	0.206927	-0.6549	Nonsignifi
1950951	3169822	2161159	3254447	1581313	0.752786	0.294028	-0.40969	Nonsignifi
31462.86	25158.39	28540.43	38602.93	34227.36	0.823508	0.211782	-0.28015	Nonsignifi
6782.807	0	0	0	0	0.919964	0.910064	-0.12035	Nonsignifi
658693.1	602400.6	533813.8	638176.9	454716.2	0.894261	0.152243	-0.16123	Nonsignifi
856352.4	655478.3	653896.4	811292.9	558029.7	1.042679	0.588643	0.060296	Nonsignifi
22062.3	0	47329	0	35314.75	1.280941	0.534482	0.357204	Nonsignifi
17081.9	21292.93	33408.86	25743.55	23557.66	1.0374	0.851363	0.052972	Nonsignifi
10398.29	18519.86	381787.2	25880.45	9806.629	1.673568	0.574497	0.742928	Nonsignifi
2023260	6336647	1443831	2375985	2978009	0.639766	0.280413	-0.64438	Nonsignifi
0	7508.334	0	0	17533.16	1.440998	0.694394	0.527068	Nonsignifi
6339958	4707205	4967951	5659416	4695612	0.876343	0.039811	-0.19043	Nonsignifi
5258.934	6808.012	4612.098	3382.227	5603.787	0.850127	0.707866	-0.23425	Nonsignifi
4406574	4133185	4411123	5170887	4022796	0.813597	0.003255	-0.29761	Nonsignifi
112445.6	14522.14	466309.5	207177.8	0	0.521206	0.291138	-0.94007	Nonsignifi
14253.85	34967.34	27631.62	12963.02	37967.95	1.073367	0.735011	0.102143	Nonsignifi
3324024	2829750	2799258	3542118	2876802	1.040701	0.66326	0.057555	Nonsignifi
165540.4	338872	969652.4	1021611	662983.8	0.436971	0.053786	-1.19439	Nonsignifi
13266623	8025931	7601297	15284453	9557869	0.89123	0.340811	-0.16613	Nonsignifi
8133927	36059136	13838885	8050856	13293228	0.748333	0.347172	-0.41825	Nonsignifi
657577.4	2815837	416296.7	267815.7	1021478	0.816714	0.573617	-0.2921	Nonsignifi
298071.1	250656.9	588822.4	278592.1	1178954	0.962548	0.871869	-0.05507	Nonsignifi
349190.4	534287	500159.9	482980	553468.2	1.08434	0.520991	0.116817	Nonsignifi
397898.2	1147011	9598586	13273345	19710896	1.507706	0.436311	0.592355	Nonsignifi
65973.42	80551.14	127464	99599.34	232769.7	1.611837	0.117766	0.688706	Nonsignifi

0	136335.7	2704552	0	287738.7	0.44806	0.209911	-1.15824	Nonsignifi
6727978	6697301	33926944	27169700	32509602	1.426074	0.064164	0.512049	Nonsignifi
13430261	14970247	4397174	4918636	3945393	0.607436	0.040469	-0.7192	Significant
282739.4	207426.3	204579	170042.5	267906	0.986759	0.940895	-0.01923	Nonsignifi
35298.73	206352.8	27192.68	17359.51	39952.73	1.148472	0.740938	0.199715	Nonsignifi
0	0	0	177474.2	0	1.463089	0.086976	0.549018	Nonsignifi
7002.581	4758.475	7154.901	5929.169	7290.993	1.127133	0.457721	0.172658	Nonsignifi
15956.16	16271.51	20018.58	27506.31	17470.55	1.09362	0.511086	0.129112	Nonsignifi
173904.7	297663.8	348288.2	85671.7	379582.3	0.821075	0.391475	-0.28441	Nonsignifi
0	0	8926.939	0	0	1.249382	0.747139	0.321214	Nonsignifi
17587.31	14329.66	8444.787	17057.35	13780.71	1.002596	0.975147	0.00374	Nonsignifi
123452.7	2782275	161304.9	107300.5	182650.4	0.43675	0.219377	-1.19512	Nonsignifi
24599.84	243312.8	11639.67	12695.52	16898.44	0.801009	0.61111	-0.32011	Nonsignifi
942851.9	1179880	1021675	1019479	786217.4	0.990848	0.900949	-0.01326	Nonsignifi
16653.9	20212.19	35878.54	28155.61	22834.19	1.010577	0.96413	0.015179	Nonsignifi
19405.25	17281.51	41136.23	19322.79	33803.29	1.987327	0.353707	0.990829	Nonsignifi
9570.567	27659.66	24047.29	33552.41	55045.25	0.669473	0.400823	-0.5789	Nonsignifi
458035.5	500250.7	429013.5	520573.1	431663.6	1.216669	0.032233	0.282937	Nonsignifi
176194.6	261246.8	383968.2	307862.1	220395.8	1.431223	0.226503	0.517249	Nonsignifi
0	21362.14	0	0	2282.734	40.57951	0.07755	5.342679	Nonsignifi
55141.29	32012.2	44823.25	71458.76	61087.75	0.829212	0.349999	-0.27019	Nonsignifi
1397892	1605016	1350788	947068.6	1182982	0.755193	0.023769	-0.40508	Nonsignifi
12977.38	13644.6	11842.85	14949.2	23577.3	1.153855	0.415267	0.206461	Nonsignifi
4194066	4270564	3365351	4296302	3249284	1.134847	0.22369	0.182498	Nonsignifi
7816831	5747709	5731332	8026249	6262953	0.980563	0.768912	-0.02832	Nonsignifi
0	0	0	2813.747	0	1.275494	0.803967	0.351056	Nonsignifi
640369.2	609436.6	424295.6	760070.4	502850.6	1.007962	0.909994	0.011441	Nonsignifi
8222.013	11196.38	13893.9	10023.12	9395.199	0.520921	0.531001	-0.94086	Nonsignifi
1127081	1154114	887361.4	1142213	982449.8	0.895975	0.088066	-0.15847	Nonsignifi
5420801	13794234	5516944	12510798	6290617	0.770088	0.188369	-0.37691	Nonsignifi
135959	175055.3	365109	183570.8	199504.7	0.93169	0.639878	-0.10208	Nonsignifi
6343.075	0	8157.792	6452.246	5316.523	1.066417	0.816563	0.092772	Nonsignifi
7497.023	8538.104	7848.301	11231.48	7593.394	0.93471	0.679161	-0.09741	Nonsignifi
4875.533	5230.214	5407.762	25140.02	0	0.892755	0.825971	-0.16366	Nonsignifi
41885.68	26893.27	35133.8	29711.19	23946.33	0.900067	0.436637	-0.1519	Nonsignifi
36948.36	54176.84	25040.17	30770	18668.58	1.124487	0.746619	0.169267	Nonsignifi
4480032	3275598	2718534	3506246	3798046	0.900541	0.381324	-0.15114	Nonsignifi
13530.83	18186.51	17472.96	15959.06	11814.41	0.992765	0.956471	-0.01048	Nonsignifi
0	15787.64	52977.57	1374.666	0	0.442185	0.364857	-1.17728	Nonsignifi
64537.48	84151.16	47266.89	59493.9	59167.26	0.895488	0.257278	-0.15925	Nonsignifi
94243.55	136284.5	98593.16	100075.8	93350.6	0.863264	0.196133	-0.21213	Nonsignifi
24312.87	20474.4	19209.08	20417.32	25574.21	1.011862	0.898663	0.017013	Nonsignifi
204280.2	1889077	164115.6	127906.8	230084.3	0.44196	0.143843	-1.17801	Nonsignifi
1473553	1100843	898732.7	800599.6	611090.3	1.089078	0.537343	0.123108	Nonsignifi
46892.28	689053.8	90102.57	44426.38	71553.75	0.556775	0.237892	-0.84483	Nonsignifi
228126	214721.7	209070.4	313455.6	242135.6	1.000401	0.996168	0.000578	Nonsignifi
2568376	2071059	1491614	1880483	2078175	1.014777	0.854439	0.021163	Nonsignifi
110930	89297.14	99401.83	93334.11	94024.33	1.077205	0.350351	0.107293	Nonsignifi
0	0	0	0	2377.843	2.359757	0.086739	1.238638	Nonsignifi
648610.4	716371.4	493414.7	947529.6	623510.4	1.041833	0.747826	0.059125	Nonsignifi
449276.7	278422	510999.3	374987.2	375400.8	1.244732	0.297619	0.315835	Nonsignifi
14027.24	3700.017	5449.462	0	0	1.140354	0.681283	0.189481	Nonsignifi
394222.9	357663.4	360093.4	455791.7	352294.8	0.951592	0.464751	-0.07159	Nonsignifi
9119.226	1002.32	5191.84	0	8479.084	1.163586	0.587571	0.218578	Nonsignifi
169738	123564.9	111598.4	149604.8	131330.9	0.793632	0.18606	-0.33346	Nonsignifi
0	0	7438.354	6449.88	0	0.67986	0.437245	-0.55669	Nonsignifi
1314440	1112323	1305194	1255325	1016242	0.919931	0.580163	-0.1204	Nonsignifi
36759.1	157175.3	0	0	56142.82	0.895997	0.91369	-0.15843	Nonsignifi

399460.7	249893.4	275507.9	394383.5	355185.6	1.051114	0.593084	0.071919	Nonsignifi
827685	866597.7	857241.9	1100172	1021240	0.976725	0.876819	-0.03398	Nonsignifi
0	0	0	0	17089.4	0.706119	0.484433	-0.50202	Nonsignifi
34557.53	16704.95	13111.75	6721.354	22197.26	0.60565	0.119594	-0.72344	Nonsignifi
1988.401	7522.69	0	0	0	0.133059	0.382955	-2.90987	Nonsignifi
107820.7	78821.84	81766.38	92687.02	95296.85	0.777486	0.173899	-0.36311	Nonsignifi
7574.449	10779.56	19679.57	21147.35	18253.45	0.465607	0.004556	-1.10282	Significant
338691.3	6702391	155911.3	0	367816.1	0.260423	0.12445	-1.94107	Nonsignifi
0	172038.6	0	93646.39	112784.4	0.410173	0.090242	-1.2857	Nonsignifi
1031221	775666.8	843446.4	1582318	2071737	0.949913	0.75719	-0.07413	Nonsignifi
1260070	975806.7	1623930	739638	1049106	1.364688	0.181183	0.448571	Nonsignifi
776742.9	73074.88	62688.4	712171.5	1593648	1.186679	0.73956	0.246929	Nonsignifi
1325912	1945478	2414804	1360577	1515080	0.951272	0.750229	-0.07207	Nonsignifi
150877.2	34837.61	607462.6	68542.92	179153.8	1.172467	0.718872	0.229547	Nonsignifi
459469.5	564137.1	1102130	809226.5	633299.1	0.76241	0.326849	-0.39136	Nonsignifi
9894.354	32604.75	0	31734.93	0	2.135479	0.261105	1.094559	Nonsignifi
861831.4	1028323	845541	1174776	791110.1	0.900261	0.614221	-0.15158	Nonsignifi
137662.6	167200.8	173401.5	169756.3	109662.5	1.542441	0.041399	0.625216	Significant
365287.8	376648.8	679476.6	478759	633731.4	1.516342	0.068667	0.600596	Nonsignifi
2831854	1720742	3740552	1262795	2285494	1.177687	0.302592	0.235956	Nonsignifi
199535.9	45711.46	175660.7	197625	568485.7	1.863649	0.10865	0.89813	Nonsignifi
131984.1	369667.1	278760.3	323420	259803.7	1.318326	0.166643	0.398707	Nonsignifi
0	45929.84	9465.029	31688.23	0	1.864489	0.551529	0.89878	Nonsignifi
2655.152	4000.987	3567.365	2769.895	3373.324	0.895517	0.687153	-0.15921	Nonsignifi
92320.33	50187.94	85299.57	98835.74	70719.2	1.211653	0.228504	0.276976	Nonsignifi
5189038	4906523	2711.798	21268.32	26445.89	0.727565	0.755615	-0.45885	Nonsignifi
309375.3	1382994	6063.48	395006.2	257453.9	0.751968	0.570854	-0.41126	Nonsignifi
673512.7	677843.9	431958.1	781663.3	626532	1.044558	0.729238	0.062892	Nonsignifi
0	19378.68	0	4472291	17567.81	0.440261	0.657819	-1.18357	Nonsignifi
665237.1	613562	721709.9	626795.4	631483.8	1.079121	0.257416	0.109857	Nonsignifi
13177.66	15008.85	18258.15	12485.76	15879.31	0.990796	0.943868	-0.01334	Nonsignifi
33225.21	28105.52	37376.7	59640.29	27266.08	0.738024	0.10862	-0.43826	Nonsignifi
1147594	837101.6	653290	831819.2	760839.9	0.922748	0.561882	-0.11599	Nonsignifi
128890	101169	70836.07	31530.88	714969.1	0.483526	0.254623	-1.04834	Nonsignifi
0	0	0	0	0	1.18755	0.743613	0.247988	Nonsignifi
298561	410887.7	104637.5	166219.1	464070.8	1.066745	0.712734	0.093215	Nonsignifi
211044.2	261198	491372.3	188071.2	424912.3	1.528442	0.125499	0.612062	Nonsignifi
0	0	0	355893.7	0	1.176936	0.818862	0.235036	Nonsignifi
743357.1	397622.8	571824.5	740583.9	639127.6	0.7556	0.087365	-0.4043	Nonsignifi
2822775	1187519	1651861	364411.7	1466466	0.662356	0.259597	-0.59432	Nonsignifi
5520762	4819639	5647857	5499759	4825327	0.990265	0.925799	-0.01411	Nonsignifi
72642.01	178084.7	122635	140315.6	82851.95	2.227598	0.010251	1.155489	Significant
0	6022.859	0	0	1	0.481158	0.505473	-1.05542	Nonsignifi
37817.78	25452.88	343494.3	37243.33	73122.04	0.710659	0.465068	-0.49277	Nonsignifi
67041.34	70699.65	212336.5	371337	236542.6	1.613481	0.094134	0.690176	Nonsignifi
18770112	17976668	17406346	14159314	13085886	0.84256	0.266318	-0.24715	Nonsignifi
18825.37	10229.51	16057.37	0	8043.106	1.301925	0.267721	0.380646	Nonsignifi
367139.7	302744.3	436196.3	359008.6	647168.4	0.882063	0.389704	-0.18105	Nonsignifi
3314251	2203138	2131833	1484208	2098191	0.994537	0.97019	-0.0079	Nonsignifi
965041.8	1476897	2371965	609541.4	900978.8	1.641874	0.083526	0.715344	Nonsignifi
261344.5	217546.9	422086.6	182645.4	88864.73	0.846988	0.607237	-0.23959	Nonsignifi
15380476	14187344	13315718	7633230	9512817	0.793922	0.122707	-0.33293	Nonsignifi
12899.1	40327.92	120473.4	75143.63	28991.57	3.235956	0.040658	1.694192	Significant
341158.3	161280.5	139778.3	149072	194751.8	1.000977	0.994833	0.001409	Nonsignifi
1417070	998348.4	1377773	788786.6	1105970	1.045709	0.823183	0.064482	Nonsignifi
1610205	976613.3	1260553	940626.4	1643472	0.898341	0.38015	-0.15467	Nonsignifi
68615.65	111477.1	126126.3	330930.3	881654.5	1.517446	0.136178	0.601645	Nonsignifi
14872932	1423881	15656113	8506771	1212068	1.149584	0.674213	0.201112	Nonsignifi

1850797	413522.8	920868.4	552648.6	0	1.000973	0.996868	0.001404	Nonsignifi
186199.6	148512.2	151791.4	171853.5	116607	0.898678	0.565097	-0.15412	Nonsignifi
83471.05	28894.86	43592.61	20392.76	23463.48	1.696316	0.286842	0.762405	Nonsignifi
31169.62	32184.9	24871.39	35347.82	31245.41	0.993786	0.926561	-0.00899	Nonsignifi
115498.7	261579.1	159620.2	128857.6	119758.2	1.084599	0.710301	0.117161	Nonsignifi
8289.797	21656.32	0	0	15875.54	0.382347	0.240159	-1.38705	Nonsignifi
27350.43	26195.36	84583.37	56610.57	41617.6	1.218479	0.607791	0.285081	Nonsignifi
138584.1	92326.52	169285.6	147885.6	88732.26	0.65797	0.017991	-0.60391	Significant
0	0	34121.02	0	0	1.637396	0.049162	0.711403	Significant
19871.48	22975.81	45504.48	29819.67	31914.6	0.673518	0.185961	-0.57021	Nonsignifi
989955.6	2374545	2157239	1690834	947214.4	1.292563	0.309783	0.370234	Nonsignifi
13894890	10689256	13722111	7306066	11374047	0.546281	0.006354	-0.87228	Significant
14348628	22490214	14898612	17206910	15760250	1.320286	0.071584	0.40085	Nonsignifi
66989.49	113378.5	149422	98747.57	49848.69	1.607656	0.104455	0.684959	Nonsignifi
0	31032.05	0	9329.803	28239.22	4.277069	0.005271	2.096622	Significant
4253089	4539292	7717616	3189135	6042786	1.234125	0.371349	0.303489	Nonsignifi
1648122	1872400	2872860	15814381	1408889	2.06713	0.244886	1.047629	Nonsignifi
90493.27	146433.9	1578439	84863.02	433839.7	0.811629	0.695458	-0.30111	Nonsignifi
215337.5	431707.7	324232.8	370721.3	1710305	0.604722	0.268715	-0.72565	Nonsignifi
11558.75	5797.125	8212.199	0	0	2.019995	0.319223	1.014351	Nonsignifi
23112.25	23336.96	70303.81	22539.53	11015.74	0.574962	0.199518	-0.79846	Nonsignifi
159016.8	137799.2	133619.4	92050.48	74334.76	2.489306	0.023398	1.315743	Significant
2659040	2855737	1022871	208974.6	5068505	1.645931	0.080324	0.718904	Nonsignifi
2657.391	0	0	20990.28	90299.76	0.717494	0.586998	-0.47896	Nonsignifi
55245.89	112654.6	37506.68	4872.91	0	1.002868	0.993054	0.004132	Nonsignifi
526539.4	511669.1	635844.6	881748.1	764982.1	1.273145	0.086257	0.348397	Nonsignifi
232789.6	237682.2	187165.7	308063.1	224488.7	0.992533	0.968291	-0.01081	Nonsignifi
466254.5	935285.1	1141416	631721.6	797251.1	1.530649	0.095207	0.614143	Nonsignifi
180406.5	81402.13	228846.5	105565.8	192036.8	1.37087	0.43016	0.455092	Nonsignifi
3486957	4999357	5077788	3814142	5249251	0.742729	0.136077	-0.42909	Nonsignifi
2810.845	1699.376	2554.603	1786.282	0	7.875301	0.375832	2.977335	Nonsignifi
50816.3	42094.63	35405.22	37970.18	37168.36	0.864368	0.437877	-0.21028	Nonsignifi
25649.28	17626.83	10221.53	23193.38	18486.24	0.85012	0.370801	-0.23426	Nonsignifi
59523.56	23986.13	111040.8	56971.95	558344.4	0.519334	0.267264	-0.94526	Nonsignifi
271782.3	648051.8	496206.5	702234.1	510601	1.151567	0.609193	0.203599	Nonsignifi
0	0	90828.85	105123.3	119034.7	0.989973	0.965561	-0.01454	Nonsignifi
0	38568.8	250637	69625.23	57255.23	8.790801	0.188866	3.135995	Nonsignifi
0	0	18659.63	9843.757	8308.27	1.202551	0.674555	0.266098	Nonsignifi
12810.79	9092.023	13408.54	9293.505	12403.54	0.803242	0.174483	-0.31609	Nonsignifi
1501955	1066826	300997.8	169012.5	309894	1.88536	0.14467	0.91484	Nonsignifi
128400	154365.2	137893.8	41455.07	56415.71	1.213969	0.350161	0.279731	Nonsignifi
616584.9	1002240	4889159	982214	464175.1	0.907606	0.842322	-0.13986	Nonsignifi
41130.95	47691.27	41742.54	30455.74	79142.35	0.98577	0.934816	-0.02068	Nonsignifi
94789.66	168082.5	1416955	211687.5	134130.7	0.990243	0.981447	-0.01415	Nonsignifi
2442683	4838205	2721652	2575866	3680530	0.831221	0.553031	-0.2667	Nonsignifi
28348.9	15477.87	16271.75	13011.18	19256.74	0.961351	0.691521	-0.05686	Nonsignifi
72691.86	31101.28	64223.98	61927.07	43573.52	0.84045	0.313803	-0.25077	Nonsignifi
18292.16	26567.4	13298.66	14986.54	14703.22	1.048456	0.814211	0.068266	Nonsignifi
0	0	13015.62	15474.47	0	2.23898	0.337386	1.162842	Nonsignifi
40475.86	57248.1	184825.5	54835.97	39255.7	0.981235	0.956932	-0.02733	Nonsignifi
7190.7	45718.02	2287.635	0	2654.995	0.525679	0.245414	-0.92775	Nonsignifi
877000.4	305881.3	2054722	1490924	2042480	0.7065	0.20798	-0.50124	Nonsignifi
87562.27	75995.98	80953.51	103556.4	87843.36	0.944651	0.311785	-0.08215	Nonsignifi
52509.25	43576.19	102911.5	68423.43	68956.77	0.753976	0.280209	-0.40741	Nonsignifi
4541216	2140980	3321786	3951810	6248128	0.652404	0.17886	-0.61616	Nonsignifi
15730.27	13024.75	31260.85	11043.44	14795.1	0.639276	0.02615	-0.64549	Significant
1301631	1892796	742015.3	1545641	2583182	1.136768	0.618291	0.184938	Nonsignifi
56991.41	119953.2	180450.4	27951.47	106667	1.036193	0.913493	0.051293	Nonsignifi

19687.59	37677.45	22185.85	19517.58	0	1.322495	0.503093	0.403262	Nonsignifi
21125224	20307770	25074290	22579542	18478050	1.509547	0.038384	0.594115	Significant
0	189353.8	0	0	0	0.199163	0.381562	-2.32798	Nonsignifi
17235.95	50604.96	169222	0	30740.23	0.705643	0.580751	-0.50299	Nonsignifi
103472.7	54687.82	186657.7	106769.6	144551.8	0.928708	0.659908	-0.1067	Nonsignifi
8537.129	15211.59	149548	9433.184	7276.493	0.262416	0.276406	-1.93007	Nonsignifi
16341.84	15313.45	0	16804.96	15007.56	1.241565	0.110507	0.31216	Nonsignifi
77926.11	65554.03	47687.32	67950.6	53676.83	1.268149	0.043179	0.342724	Nonsignifi
363696.5	373990.9	441419.4	339014.2	527525.1	1.146285	0.37919	0.196966	Nonsignifi
0	33708.8	43389.63	0	19637.86	2.00943	0.066542	1.006786	Nonsignifi
6017053	5986860	11519653	26747680	9310018	1.329527	0.316051	0.410913	Nonsignifi
1987605	1263949	1580189	1990649	1463879	0.922873	0.253969	-0.1158	Nonsignifi
0	47711.68	59293.95	46664.43	52463.98	0.875412	0.415074	-0.19197	Nonsignifi
12057.77	51122.49	26903.31	22745.47	33019.29	2.688583	0.014292	1.426846	Significant
47451.12	40648.64	40040.56	47218.84	48267.13	0.949798	0.716477	-0.07431	Nonsignifi
0	121912.6	137383.3	156854.3	0	0.539432	0.112048	-0.89049	Nonsignifi
0	0	0	9837.37	0	0.714219	0.195912	-0.48556	Nonsignifi
133458.1	15703.73	183613.1	0	265576.6	0.881213	0.774508	-0.18244	Nonsignifi
61525.27	80436.81	75627.37	97722.45	59664.69	1.037045	0.71902	0.052478	Nonsignifi
19488916	18464602	29336766	29398798	9970805	1.304607	0.175133	0.383615	Nonsignifi
3373387	1721724	3262724	1073596	2491481	0.883641	0.495037	-0.17847	Nonsignifi
2233605	2794871	2392637	2921743	0	0.559786	0.155743	-0.83705	Nonsignifi
189530.4	188818.6	206718.5	261071.2	204170.4	0.954111	0.559151	-0.06777	Nonsignifi
279093.6	248547.7	217690.4	240106.8	218554.2	0.845162	0.084974	-0.2427	Nonsignifi
47691.73	43489.43	34699.5	61088.31	50664.67	1.253208	0.160843	0.325626	Nonsignifi
0	0	0	0	0	2.227833	0.060552	1.155641	Nonsignifi
31050.62	49170.09	125001	13207.11	35193.84	1.721086	0.122242	0.783319	Nonsignifi
0	169884.5	316004.3	77912.16	229522.3	1.24587	0.448594	0.317153	Nonsignifi
200308.5	382155.8	120285.9	172152.5	432611.3	1.148853	0.661717	0.200195	Nonsignifi
104124.2	143738.1	170096.5	160973.3	118531	1.097623	0.694709	0.134382	Nonsignifi
787881.9	731916.6	1302121	1412442	996358.8	0.876753	0.385633	-0.18976	Nonsignifi
1411931	1089364	1326885	1207311	1103741	0.828401	0.037439	-0.2716	Nonsignifi
3158710	6635904	5332054	2995069	4608178	0.917794	0.553031	-0.12376	Nonsignifi
441810.5	531121.9	148890.3	723604.6	377686.7	3.390405	0.010379	1.761458	Significant
586528.3	907179.1	1208320	469491.3	809889.6	1.554287	0.000385	0.636253	Significant
491914.7	388588.3	695399.1	1093380	679486.2	1.039813	0.882394	0.056324	Nonsignifi
2492538	2407665	4576453	1618237	2041228	0.811849	0.203544	-0.30072	Nonsignifi
50223.34	91502.85	121067.6	0	68225.88	1.14478	0.538533	0.19507	Nonsignifi
0	0	0	0	0	2.359466	0.386988	1.238461	Nonsignifi
66757.23	106799.9	221510.2	189897.1	266572.9	1.35018	0.273981	0.433152	Nonsignifi
0	0	0	21912.05	17111.6	1.898745	0.316153	0.925046	Nonsignifi
0	325145	0	410344	460631.2	0.989983	0.971012	-0.01452	Nonsignifi
0	0	0	0	0	0.69323	0.373179	-0.52859	Nonsignifi
1767338	385659.9	1410311	332522.7	1085073	1.081518	0.757605	0.113058	Nonsignifi
38738.36	36086.57	31338.21	46644.46	50254.5	0.758665	0.24253	-0.39846	Nonsignifi
132874.2	129641.6	126411.1	167916.2	205551.4	0.848585	0.273867	-0.23687	Nonsignifi
686132.5	2002705	1221543	1518769	2134869	1.01815	0.904321	0.02595	Nonsignifi
56512.44	130649.4	117007.4	79773.78	49008.88	1.200832	0.360221	0.264034	Nonsignifi
197237.5	174366.6	230793.3	391410.2	841108.9	0.959303	0.87899	-0.05994	Nonsignifi
168578	299141.6	254238.8	207214.7	232987.4	1.022314	0.872016	0.031839	Nonsignifi
5625.229	25478.74	628144.9	33077.55	34758.11	0.85331	0.847362	-0.22886	Nonsignifi
44159.97	1121150	3464148	2691828	177269	1.670542	0.467318	0.740316	Nonsignifi
168492.4	13266145	12829909	10289093	1708721	2.014749	0.068224	1.0106	Nonsignifi
888413.5	1656174	1234560	1040700	1799172	2.185729	0.007874	1.128115	Significant
2698828	4381364	3928796	2609462	1606722	0.991135	0.959666	-0.01285	Nonsignifi
6001179	5650759	2958631	2643894	3753301	0.79456	0.096657	-0.33177	Nonsignifi
7935.89	49639.58	0	18616.55	17936.11	1.237695	0.573786	0.307656	Nonsignifi
0	27207.93	0	0	96775.17	1.827899	0.18609	0.870187	Nonsignifi

7726614	9350738	6867997	6600477	7210026	1.130118	0.470589	0.176474	Nonsignifi
48813.61	47357.62	63595.5	114455.9	48330.43	0.882611	0.579019	-0.18015	Nonsignifi
116936.8	0	29615.99	345897.7	41758.72	0.750928	0.630404	-0.41325	Nonsignifi
4.29E+08	5.13E+08	4.29E+08	3.1E+08	4.2E+08	1.014143	0.926362	0.02026	Nonsignifi
16115911	13724146	13064206	14948806	11444969	0.869613	0.20502	-0.20155	Nonsignifi
7886.984	28982.11	0	0	26535.91	0.977734	0.9383	-0.03249	Nonsignifi

S.vs.C	UP.[	GO_NUM	GO_Descri	KEGG_Des	KEGG_EC	KEGG_ko	COG_Func	COG_Func	COG_Class
None		1	Molecular	fast skeleta	--	ko04510 F	--	--	--
None		2	Biological	vinculin	--	ko04510 F	--	--	--
None		1	Biological	saposin	--	ko04142 L	--	--	--
None		1	Molecular	histone H2	--	ko05034 A	--	--	--
None		1	Molecular	histone H2	--	ko04217 N	--	--	--
None		1	Molecular	compleme	--	ko04610 C	--	--	--
None		2	Cellular Cc	apolipopro	--	ko04979 C	--	--	--
None		1	Molecular	ADP-ribos	--	ko04144 E	GTPase SA	R	General fu
None		2	Molecular	fructose-b	4.1.2.13	ko00010 G	Fructose-b	G	Carbohydr
None		4	Cellular Cc	apolipopro	--	--	--	--	--
None		3	Molecular	myosin he	--	ko04530 T	Chromoso	D	Cell cycle c
None		3	Biological	--	--	--	--	--	--
None		1	Molecular	junction pl	--	ko05200 P	--	--	--
None	--	--	--	C-type lec	--	--	Uncharact	R	General fu
up		4	Molecular	cathepsin l	3.4.22.1	ko04140 A	Cysteine p	O	Posttransla
None		4	Cellular Cc	apolipopro	--	ko03320 P	--	--	--
None	--	--	--	melanoma	--	--	--	--	--
None		3	Molecular	amyloid-lil	--	--	--	--	--
down		3	Biological	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	--	enolase	4.2.1.11	ko00010 G	Enolase	G	Carbohydr
None		1	Biological	alpha 1,3-(	3.2.1.84	ko00510 N	Alpha-glu	G	Carbohydr
None		1	Molecular	cortactin	--	ko04530 T	--	--	--
None		2	Molecular	annexin A2	--	--	--	--	--
None		1	Molecular	actinin alp	--	ko04510 F	--	--	--
None		1	Molecular	fibulin 5	--	--	--	--	--
None	--	--	--	serpin pep	--	--	Serine pro	O	Posttransla
None	--	--	--	alpha-1-a	--	ko04610 C	Serine pro	O	Posttransla
None	--	--	--	serpin pep	--	--	Serine pro	O	Posttransla
None	--	--	--	protein C i	--	ko04610 C	Serine pro	O	Posttransla
None	--	--	--	serpin pep	--	--	Serine pro	O	Posttransla
None		4	Molecular	matrix met	3.4.24.24	ko01522 E	Predicted Z	O	Posttransla
None	--	--	--	--	--	--	--	--	--
None	--	--	--	intercellula	--	ko04514 C	--	--	--
None		2	Molecular	Ras-relate	--	ko04972 P	GTPase SA	R	General fu
None		1	Molecular	tenascin	--	ko04151 P	Phage-rel	X	Mobilome:
None		3	Molecular	--	--	--	--	--	--
None	--	--	--	prostaglan	5.3.99.2	ko00590 A	Bacterial li	M	Cell wall/m
None		1	Biological	protein dis	5.3.4.1	ko04141 P	Negative r	O	Posttransla
None		1	Cellular Cc	transmemb	--	--	--	--	--
None		3	Molecular	--	--	--	Leucine-ri	K	Transcripti
None	--	--	--	antithromb	--	ko04610 C	Serine pro	O	Posttransla
None	--	--	--	carboxype	3.4.17.-	--	Zn-depen	O	Posttransla
None	--	--	--	collectin su	--	--	Membrane	M	Cell wall/m
None	--	--	--	intron-bin	--	ko03040 S	Superfamil	L	Replicatior
None	--	--	--	compleme	--	ko04610 C	Type V sec	MU	Cell wall/m
None		1	Molecular	heparan su	--	ko04512 E	Outer mer	M	Cell wall/m
None	--	--	--	compleme	--	ko04610 C	Exopolysac	G	Carbohydr
None	--	--	--	compleme	--	ko04610 C	Type V sec	MU	Cell wall/m
None	--	--	--	matrix Gla	--	--	--	--	--
None		2	Molecular	Ras-relate	--	ko04010 M	GTPase SA	R	General fu
None		2	Molecular	aminopep	3.4.11.2	ko00480 G	Aminopep	E	Amino acic
None		2	Molecular	Ras GTPas	--	ko04520 A	--	--	--
None		4	Molecular	G protein-	--	--	--	--	--
None		2	Molecular	platelet-ac	3.1.1.47	ko00565 E	Predicted	R	General fu
None		1	Molecular	--	--	--	--	--	--
up		4	Molecular	--	--	--	--	--	--

None	--	--	--	--	--	Uncharacter	R	General fu
None		2	Molecular	plastin-2	--	--	--	--	--
up		1	Cellular Cc	lysosomal-	--	ko04140 A	--	--	--
None	--	--	major histc	--	ko04144 E	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
down	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	pre-B lym	--	--	--	--	--
None	--	--	pre-B lym	--	--	--	--	--
None	--	--	pre-B lym	--	--	--	--	--
None	--	--	--	--	--	--	--	--
down	--	--	pre-B lym	--	--	--	--	--
None	--	--	pre-B lym	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None		2	Molecular	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None		4	Molecular	carboxype	3.4.17.20	ko04610 C	Murein trip	M	Cell wall/m
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None		3	Molecular	receptor-t	3.1.3.48	ko04520 A	Protein tyr	T	Signal tran
None	--	--	neuroblast	--	ko04350 T	--	--	--
None		3	Molecular	cadherin 1	--	ko04015 R	Large exop	U	Intracellula
None		1	Molecular	neural cell	--	ko04514 C	Uncharacte	S	Function u
None		1	Cellular Cc	serum albu	--	ko04918 T	--	--	--
None		3	Molecular	mannosyl-	3.2.1.113	ko00510 N	--	--	--
None		1	Molecular	L1 cell adh	--	--	Uncharacte	S	Function u
None	--	--	--	--	--	--	--	--	--
None	--	--	cell adhesi	--	ko04514 C	--	--	--
None		3	Molecular	glutathion	1.11.1.9	ko00480 G	Glutathion	VI	Defense m
None		2	Molecular	aggrecan 1	--	--	Spore coat	M	Cell wall/m
None	--	--	retinoic ac	--	--	--	--	--	--
None		1	Molecular	coagulatio	--	ko04610 C	Multicopp	DPM	Cell cycle c
None	--	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None		2	Molecular	translation	--	ko03013 R	--	--	--
None	--	--	poliovirus	--	ko04514 C	--	--	--
None		2	Molecular	CUB and s	--	--	Periplasmi	U	Intracellula
None		3	Molecular	peroxiredc	1.11.1.15	ko04146 P	Alkyl hydr	V	Defense m

None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	pre-B lym	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	4	Cellular Cc	apolipopro	--	ko03320 P	--	--	--
None	1	Molecular	--	--	--	PKD repea	S	Function u
None	1	Molecular	platelet gl	--	ko04512 E	Leucine-ri	K	Transcripti
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
None	1	Molecular	lymphocyt	--	ko04015 R	--	--	--
None	2	Molecular	plasminog	3.4.21.7	ko04080 N	Secreted tı	O	Posttransla
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	1	Molecular	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	selectin, ly	--	ko04514 C	Ca2+-binc	Q	Secondary
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	tropomyos	--	ko04260 C	Cell divisio	D	Cell cycle c
None	1	Molecular	cystatin-C	--	ko04970 S	--	--	--
None	2	Molecular	hemoglob	--	ko05143 A	Hemoglob	C	Energy pro
None	--	--	immunogl	--	ko04020 C	--	--	--
None	4	Molecular	coagulatio	3.4.21.38	ko04610 C	Secreted tı	O	Posttransla
None	4	Cellular Cc	apolipopro	--	ko04979 C	--	--	--
None	1	Molecular	cholesteryl	--	ko04979 C	--	--	--
None	2	Molecular	galectin-3	--	--	--	--	--
None	2	Molecular	type II ker	--	--	DNA repai	L	Replicatior
None	1	Molecular	EGF-conta	--	--	--	--	--
None	--	--	compleme	--	ko05168 H	--	--	--
None	3	Molecular	protein S	--	ko04610 C	--	--	--
None	--	--	transformi	--	--	Uncharacter	R	General fu
None	--	--	CLIP-asso	--	--	--	--	--
None	--	--	protein C r	--	ko04610 C	--	--	--
None	--	--	haptoglob	--	--	--	--	--
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None	--	--	--	--	--	--	--	--
None	1	Molecular	tenascin	--	ko04151 P	Phage-rela	X	Mobilome:
None	2	Cellular Cc	--	--	--	--	--	--
None	3	Molecular	hepsin	3.4.21.106	ko05203 V	Secreted tı	O	Posttransla
None	2	Molecular	Xaa-Pro di	3.4.13.9	--	Xaa-Pro ai	E	Amino acid
None	3	Biological	superoxide	1.15.1.1	--	Cu/Zn sup	P	Inorganic i
None	--	--	--	--	--	--	--	--
None	2	Biological	lecithin-ch	2.3.1.43	ko00564 G	--	--	--
None	--	--	staphylocc	--	ko05169 E	Endonucle	L	Replication
None	3	Molecular	thiol oxida	1.8.3.2	--	--	--	--
None	--	--	pigment e	--	ko04310 W	Serine pro	O	Posttransla
None	1	Molecular	--	--	--	Leucine-ri	K	Transcripti
None	--	--	lactotransf	3.4.21.-	--	--	--	--
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None	2	Molecular	cathepsin I	3.4.23.5	ko04071 S	--	--	--

None	--	--	vitamin D-	--	--	--	--	--		
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None		2 Molecular	hemoglob	--	ko05143 A	--	--	--		
None	--	--	immunogl	--	ko04020 C	--	--	--		
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None		5 Cellular Cc	talin	--	ko04015 R	--	--	--		
None		1 Molecular	--	--	--	--	--	--		
None		2 Molecular	receptor-t	3.1.3.48	--	Protein tyr	T	Signal tran		
None		2 Molecular	macropha	--	ko04145 P	Autotransp	UW	Intracellula		
down		2 Molecular	insulin-like	--	ko01521 E	--	--	--		
None		2 Molecular	compleme	3.4.21.43	ko04610 C	Secreted tı	O	Posttransla		
None		1 Molecular	low affinity	--	ko04145 P	--	--	--		
None	--	--	immunogl	--	ko04020 C	--	--	--		
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None		2 Molecular	CD44 antig	--	ko04512 E	--	--	--		
None		2 Biological	major hist	--	ko04144 E	--	--	--		
None		4 Molecular	small subu	--	ko03010 R	Ubiquitin	O	Posttransla		
up	--	--	--	--	--	--	--	--		
None	--	--	--	--	--	--	--	--		
None		2 Cellular Cc	--	--	--	--	--	--		
None	--	--	tropomyos	--	ko04260 C	Chromoso	D	Cell cycle c		
None		3 Cellular Cc	erythrocyte	--	--	--	--	--		
None		3 Cellular Cc	radixin	--	ko04530 T	--	--	--		
None	--	--	tropomyos	--	ko04260 C	Chromoso	D	Cell cycle c		
None		2 Molecular	hemoglob	--	--	--	--	--		
None	--	--	--	--	--	--	--	--		
None	--	--	CD59 antig	--	ko04610 C	--	--	--		
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None	--	--	immunogl	--	ko04020 C	--	--	--		
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None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	dedicator	--	ko04062 C	--	--	--
None		1 Biological	Rho GTPas	--	--	--	--	--
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None	--	--	immunogl	--	ko04020 C	--	--	--
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None	--	--	--	--	--	--	--	--
None	--	--	serpin pep	--	--	Serine pro	O	Posttransla
None		1 Molecular	low affinity	--	ko04145 P	--	--	--
None		1 Molecular	fibrillin 1	--	--	--	--	--
down	--	--	C1 inhibito	--	ko04610 C	Serine pro	O	Posttransla
None	--	--	gelsolin	--	ko04666 F	--	--	--

None	--	--	intercellula	--	ko04064	N	--	--	--	
None	2	Molecular	fibronectin	--	ko04151	P	Phage-rela	X	Mobilome:	
None	1	Biological	nidogen (e	--	--		Glucose/ar	G	Carbohydr	
None	--	--	--	--	--		--	--	--	
None	1	Molecular	transgelin	--	--		--	--	--	
None	1	Molecular	lumican	--	ko05205	P	Leucine-ri	K	Transcripti	
None	--	--	beta-2-gly	--	ko04979	C	--	--	--	
None	--	--	clusterin	--	ko04610	C	--	--	--	
None	--	--	heat shock	--	ko03040	S	Molecular	O	Posttransla	
None	1	Biological	cathelicidin	--	ko04621	N	--	--	--	
None	1	Molecular	tubulin bet	--	ko04145	P	--	--	--	
None	3	Molecular	catalase	1.11.1.6	ko00380	T	Catalase	P	Inorganic i	
None	1	Molecular	--	--	ko00760	N	--	--	--	
None	--	--	adiponecti	--	ko03320	P	Type V sec	MU	Cell wall/m	
None	--	--	--	--	--		--	--	--	
None	2	Molecular	compleme	3.4.21.41	ko04145	P	Secreted ty	O	Posttransla	
None	4	Molecular	urotensin 2	--	--		--	--	--	
None	--	--	--	--	--		--	--	--	
None	2	Molecular	hemoglob	--	--		--	--	--	
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None	--	--	immunogl	--	ko04020	C	--	--	--	
None	--	--	--	--	--		--	--	--	
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None	--	--	immunogl	--	ko04020	C	--	--	--	
None	--	--	pre-B lym	--	--		--	--	--	
None	--	--	--	--	--		--	--	--	
None	--	--	large subu	--	ko03010	R	Ribosomal	J	Translation	
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None	--	--	immunogl	--	ko04020	C	--	--	--	
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up	--	--	immunogl	--	ko04020	C	--	--	--	
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up	--	--	immunogl	--	ko04020	C	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	immunogl	--	ko04020	C	--	--	
None		2 Molecular	inter-alph	--	--	Secreted p	R	General fu	
up	--	--	macropha	2.7.10.1	ko04010	M	--	--	
None	--	--	N-acetylgl	--	ko04142	L	--	--	
None		4 Cellular Cc	apolipopro	--	ko03320	P	--	--	
None	--	--	--	--	--	--	--	--	
None		2 Molecular	anthrax to	--	ko04621	N	--	--	
None	--	--	--	--	ko01100	M	Alkyl hydr	V	Defense m
None		1 Biological	glyceralde	1.2.1.12	ko00010	G	Glyceralde	G	Carbohydr
None		5 Molecular	alpha-mar	3.2.1.114	ko00510	N	Uncharact	S	Function u
None		3 Molecular	ceruloplas	1.16.3.1	ko00860	P	Multicopp	DPM	Cell cycle c
None	--	--	--	--	--	--	--	--	
None	--	--	transthyret	--	ko04918	T	5-hydroxy	F	Nucleotide
None		3 Biological	insulin-like	--	ko04115	p	--	--	
None		2 Molecular	componer	3.4.21.46	ko04610	C	Secreted t	O	Posttransla
None	--	--	angiopoiet	--	ko04979	C	--	--	
None		1 Molecular	osteoglyci	--	--	Leucine-ri	K	Transcripti	
None	--	--	--	--	--	--	--	--	
None		2 Biological	beta-Ala-H	3.4.13.20	ko00330	A	Acetylornit	E	Amino acic
None		1 Molecular	compleme	--	ko04610	C	--	--	
None		3 Molecular	--	--	--	Uncharact	R	General fu	
None		2 Biological	gamma-gl	3.4.19.9	ko00790	F	Gamma-g	E	Amino acic
up		3 Molecular	thrombosp	--	ko04145	P	Alpha-tub	DZ	Cell cycle c
None		3 Biological	peptidyl-p	5.2.1.8	ko04217	N	Peptidyl-p	O	Posttransla
None	--	--	compleme	--	ko04610	C	--	--	
None		2 Molecular	insulin-like	--	ko04010	M	--	--	
None		2 Molecular	interleukin	--	ko04010	M	--	--	
None	--	--	--	--	--	Uncharact	R	General fu	
None		2 Molecular	type II kera	--	--	--	--	--	
None		1 Molecular	elongation	--	ko03013	R	Translatior	J	Translatior
None		1 Cellular Cc	serum albu	--	ko04918	T	--	--	
None		1 Molecular	poly [ADP-	2.4.2.30	--	--	--	--	
None		1 Cellular Cc	neuropilin	--	ko04360	A	PKD repea	S	Function u
None		1 Molecular	insulin-like	--	--	Leucine-ri	K	Transcripti	
up		1 Molecular	cubilin	--	ko04977	V	--	--	
None		5 Molecular	--	--	--	Secreted t	O	Posttransla	
None	--	--	angiotensi	--	ko04614	R	Serine pro	O	Posttransla

None		1	Molecular	fibulin 1/2	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	--	
None	--	--	--	immunogl	--	ko04020	C	--	--	--
None	--	--	--	--	--	--	--	--	--	
down	--	--	--	--	--	--	--	--	--	
None	--	--	--	caspase 14	3.4.22.-	--	--	--	--	
None		2	Molecular	leukocyte	3.4.21.37	ko05202	T	Secreted tı	O	Posttransla
down	--	--	--	lysozyme (	3.2.1.17	ko04970	S	--	--	--
None	--	--	--	protein S1	--	ko04657	IL	--	--	--
None	--	--	--	histone H4	--	ko05034	A	--	--	--
None		1	Cellular Cc	serum amy	--	--	--	--	--	--
None		1	Molecular	--	--	--	--	--	--	--
None		2	Molecular	lymphatic	--	--	--	--	--	--
None	--	--	--	peptidase	--	--	--	Uncharact	S	Function u
None		1	Molecular	--	--	ko00010	G	--	--	--
down		1	Biological	--	--	--	--	Negative r	O	Posttransla
None		1	Molecular	--	--	--	--	--	--	--
None		2	Biological	glycogen p	2.4.1.1	ko00500	S	Glucan phı	G	Carbohydr
None	--	--	--	--	--	--	--	--	--	--
None	--	--	--	monocyte	--	ko04010	M	--	--	--
None		1	Molecular	creatine ki	2.7.3.2	ko00330	A	Protein-ar	O	Posttransla
None		3	Molecular	--	--	--	--	Uncharact	R	General fu
None		1	Biological	--	--	--	--	Thiol-disul	O	Posttransla
None		1	Molecular	glutathion	2.5.1.18	ko00480	G	Glutathion	O	Posttransla
None	--	--	--	--	--	--	--	--	--	--
None	--	--	--	integrin al	--	ko04015	R	Ca2+-binc	Q	Secondary
None		1	Biological	Di-N-acet	3.2.1.-	--	--	Spore gerr	D	Cell cycle c
None		1	Cellular Cc	serum albu	--	ko04918	T	--	--	--
None		1	Molecular	inhibin, be	--	ko04350	T	--	--	--
None	--	--	--	serpin pep	--	--	--	Serine pro	O	Posttransla
None		2	Molecular	adenylyl cy	--	--	--	--	--	--
None		2	Molecular	--	--	--	--	Secreted p	R	General fu
None	--	--	--	lipocalin 2	--	ko04657	IL	--	--	--
None		1	Molecular	metallopep	--	ko04066	H	--	--	--
None	--	--	--	--	--	--	--	--	--	--
None	--	--	--	heat shock	--	ko03040	S	dsDNA-sp	L	Replicatior
None		1	Molecular	phospholip	--	ko03320	P	--	--	--
None		1	Molecular	--	--	--	--	--	--	--
None		1	Molecular	--	--	--	--	--	--	--
None		1	Biological	ceramide g	2.4.1.47	ko00565	E	--	--	--
None	--	--	--	transferrin	--	ko04066	H	--	--	--
None	--	--	--	--	--	--	--	--	--	--
None	--	--	--	--	--	ko00052	G	Glycosyltra	G	Carbohydr
None		3	Molecular	coagulatio	3.4.21.21	ko04610	C	Secreted tı	O	Posttransla
None		1	Cellular Cc	serum albu	--	ko04918	T	--	--	--
None	--	--	--	phosphati	3.1.3.86	ko00562	Ir	--	--	--
None		1	Molecular	tubulin alp	--	ko04145	P	--	--	--
None		1	Molecular	compleme	--	ko04145	P	Uncharact	R	General fu
None	--	--	--	CDW93 an	--	--	--	--	--	--
None	--	--	--	carbonic a	4.2.1.1	ko00910	N	Carbonic a	P	Inorganic i
None		2	Molecular	triosephos	5.3.1.1	ko00010	G	Triosephos	G	Carbohydr
None		1	Molecular	fibulin 1/2	--	--	--	--	--	--
None		3	Molecular	Rho GTPas	--	ko04530	T	--	--	--
None	--	--	--	beta-2-mi	--	ko04612	A	--	--	--
None	--	--	--	transferrin	--	ko04066	H	--	--	--
None		1	Molecular	kininogen	--	ko04610	C	ABC-type	P	Inorganic i
None	--	--	--	compleme	--	ko04610	C	--	--	--
None	--	--	--	compleme	--	ko04610	C	--	--	--

None		2	Molecular	componer	3.4.21.47	ko04610	C	Secreted tı	O	Posttransla
None		1	Cellular Cc	lysosomal-	--	ko04140	A	--	--	--
None		1	Cellular Cc	--	--	--		Serine pro	O	Posttransla
None	--		--	compleme	--	ko04610	C	--	--	--
None	--		--	immunogl	--	ko04020	C	--	--	--
None		1	Molecular	compleme	--	ko04610	C	Uncharact	R	General fu
None	--		--	inter-alpha	--	--		Secreted p	R	General fu
None		1	Molecular	compleme	--	ko04610	C	--	--	--
None		2	Molecular	ADAM-like	3.4.24.-	--		--	--	--
None		1	Molecular	myosin ligl	--	ko04270	V	Ca2+-binc	T	Signal tran
None		1	Molecular	--	--	--		--	--	--
down		3	Molecular	thrombosp	--	ko04145	P	Alpha-tub	DZ	Cell cycle c
None		1	Molecular	--	--	--		--	--	--
None	--		--	--	--	--		Secreted p	R	General fu
None		3	Molecular	cadherin 1	--	--		Large exop	U	Intracellula
None		2	Cellular Cc	--	--	--		--	--	--
None	--		--	podocalyxi	--	--		--	--	--
None		2	Molecular	neprilysin	3.4.24.11	ko04614	R	Predicted ı	O	Posttransla
None		3	Molecular	alpha-amy	3.2.1.1	ko00500	S	Glycosidas	G	Carbohydr
None		3	Molecular	--	--	--		--	--	--
None		1	Molecular	collagen, t	--	ko04151	P	Autotransp	UW	Intracellula
None	--		--	mannose r	--	ko04145	P	Ca2+-binc	Q	Secondary
None		2	Molecular	apolipopro	--	ko04975	F	PPE-repea	S	Function u
None		1	Molecular	troponin C	--	ko04020	C	Ca2+-binc	T	Signal tran
None	--		--	transferrin	--	ko04066	H	--	--	--
down	--		--	apolipopro	--	--		Bacterial lip	M	Cell wall/m
None		2	Molecular	cytochrom	--	ko00920	S	Cytochrom	C	Energy pro
None		2	Molecular	CD163 ant	--	--		--	--	--
None		1	Molecular	tissue facto	--	ko04610	C	--	--	--
None		5	Molecular	fibrinogen	--	ko04610	C	--	--	--
None	--		--	14-3-3 pro	--	ko04110	C	--	--	--
None	--		--	actin, aorti	--	ko04270	V	Actin-relat	Z	Cytoskelet
None	--		--	cholineste	3.1.1.8	--		Carboxyles	I	Lipid trans
None		4	Molecular	--	--	--		--	--	--
None		1	Cellular Cc	serum amy	--	--		--	--	--
None	--		--	--	--	--		Uncharact	S	Function u
down		3	Molecular	collagen, t	--	ko04974	P	Autotransp	UW	Intracellula
None	--		--	intercellula	--	ko04514	C	--	--	--
None		3	Cellular Cc	platelet ba	--	ko04060	C	--	--	--
None		2	Molecular	myeloblast	3.4.21.76	--		Secreted tı	O	Posttransla
up		1	Molecular	ceruloplas	1.16.3.1	ko00860	P	Multicopp	DPM	Cell cycle c
None		1	Cellular Cc	vitamin D-	--	--		--	--	--
None		3	Molecular	cadherin 6	--	--		Large exop	U	Intracellula
None		2	Molecular	hemoglob	--	ko05143	A	--	--	--
None		3	Molecular	vitronectin	--	ko04151	P	--	--	--
up	--		--	apolipopro	--	ko04975	F	--	--	--
None	--		--	fatty acid-	--	ko03320	P	--	--	--
None		5	Molecular	protein C (	3.4.21.69	ko04610	C	Secreted tı	O	Posttransla
None		3	Molecular	cyclin-dep	2.7.11.22	--		PASTA dor	M	Cell wall/m
None		5	Molecular	compleme	3.4.21.45	ko04610	C	Secreted tı	O	Posttransla
None		7	Molecular	ectonuclec	3.1.4.39	ko00565	E	Predicted ı	R	General fu
None	--		--	hydroxypy	5.3.1.22	ko00630	G	Hydroxypy	G	Carbohydr
None	--		--	alpha-1-a	--	ko04610	C	Serine pro	O	Posttransla
None	--		--	C1 inhibito	--	ko04610	C	Serine pro	O	Posttransla
None		2	Molecular	cofilin	--	ko04360	A	--	--	--
None		5	Molecular	coagulatio	3.4.21.22	ko04610	C	Secreted tı	O	Posttransla
None		1	Cellular Cc	serum albu	--	ko04918	T	--	--	--
up	--		--	--	--	--		--	--	--

None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	transferrin	--	ko04066	H	Zn-depen	O	Posttransla
None	--	--	pancreatic	3.1.27.5	--	--	--	--
None	--	--	serpin pep	--	--	Serine pro	O	Posttransla
None	2	Molecular	--	--	--	Secreted tı	O	Posttransla
None	--	--	breast can	2.3.2.27	ko01524	P	--	--	--
None	5	Molecular	plasma kal	3.4.21.34	ko04610	C	Secreted tı	O	Posttransla
None	--	--	platelet de	--	ko01521	E	--	--	--
None	--	--	vitronectin	--	ko04151	P	--	--	--
None	2	Molecular	type II kera	--	--	Uncharact	S	Function u
None	--	--	--	--	--	--	--	--
None	2	Molecular	semaphori	--	ko04360	A	--	--	--
None	--	--	cysteine-ri	--	--	Uncharact	S	Function u
None	2	Molecular	fructose-b	4.1.2.13	ko00010	G	Fructose-b	G	Carbohydr
None	--	--	reelin	3.4.21.-	ko04151	P	PKD repea	S	Function u
None	2	Biological	membrane	3.4.13.19	--	Zn-depen	E	Amino aci
None	--	--	--	--	--	--	--	--
None	4	Biological	apolipopro	--	ko04979	C	--	--	--
None	4	Molecular	molecular	--	ko04141	P	Molecular	O	Posttransla
None	--	--	--	--	--	--	--	--
None	1	Molecular	von Willeb	--	ko04151	P	Secreted p	R	General fu
None	--	--	synaptotag	--	--	--	--	--
None	--	--	alpha-solu	--	ko04721	S	--	--	--
None	--	--	compleme	--	ko04145	P	--	--	--
None	2	Molecular	Notch 3	--	ko01522	E	--	--	--
None	3	Molecular	mannan-b	3.4.21.104	ko04610	C	Secreted tı	O	Posttransla
None	2	Molecular	plexin B	--	ko04360	A	Type V sec	MU	Cell wall/m
None	--	--	beta-1,4-g	2.4.1.-	ko00512	M	Glycosyltra	G	Carbohydr
None	--	--	--	--	--	--	--	--
None	2	Molecular	--	--	--	--	--	--
None	5	Molecular	--	--	ko04140	A	Serine/thre	T	Signal tran
None	--	--	ficolin	--	--	Type V sec	MU	Cell wall/m
None	2	Molecular	--	--	--	N-acetyln	M	Cell wall/m
None	--	--	--	--	--	--	--	--
None	5	Molecular	--	--	ko00030	P	Glucose-6	G	Carbohydr
None	1	Biological	pantethein	3.5.1.92	ko00770	P	Predicted a	R	General fu
None	--	--	--	--	--	--	--	--
None	2	Molecular	L-lactate c	1.1.1.27	ko00010	G	Malate/lac	C	Energy pro
None	3	Molecular	coagulatio	--	ko04610	C	Multicopp	DPM	Cell cycle c
None	2	Molecular	coagulatio	2.3.2.13	ko04610	C	--	--	--
None	2	Molecular	phosphogl	2.7.2.3	ko00010	G	3-phospho	G	Carbohydr
None	5	Molecular	coagulatio	3.4.21.5	ko04080	N	Secreted tı	O	Posttransla
None	2	Molecular	haptoglob	--	--	Secreted tı	O	Posttransla
None	2	Molecular	haptoglob	--	ko05143	A	Secreted tı	O	Posttransla
None	5	Molecular	coagulatio	3.4.21.6	ko04610	C	Secreted tı	O	Posttransla
None	2	Molecular	plasminog	3.4.21.7	ko04080	N	Secreted tı	O	Posttransla
None	4	Molecular	coagulatio	3.4.21.38	ko04610	C	Secreted tı	O	Posttransla
up	--	--	carbonic a	4.2.1.1	ko00910	N	Carbonic a	P	Inorganic i
None	3	Molecular	alpha-2-m	--	ko04610	C	Uncharact	R	General fu
None	3	Molecular	compleme	--	ko04145	P	Uncharact	R	General fu
None	3	Molecular	compleme	--	ko04610	C	Uncharact	R	General fu
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	pre-B lym	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020	C	--	--	--

None	--	--	immunogl	--	ko04020 C	--	--	--	
None	--	--	polymeric	--	ko04672 Ir	--	--	--	
None	--	--	--	--	--	--	--	--	
None	2	Molecular	collagen, t	--	ko04151 P	Autotransp	UW	Intracellula	
None	2	Molecular	type I kera	--	--	--	--	--	
None	--	--	apolipopro	--	ko03320 P	--	--	--	
None	5	Molecular	fibrinogen	--	ko04610 C	PPE-repea	S	Function u	
None	5	Molecular	fibrinogen	--	ko04610 C	--	--	--	
None	5	Molecular	fibrinogen	--	ko04610 C	--	--	--	
None	--	--	C-reactive	--	--	Autotransp	U	Intracellula	
None	--	--	--	--	--	Autotransp	U	Intracellula	
None	1	Molecular	--	--	--	Heme-bin	P	Inorganic i	
None	2	Molecular	fibronectin	--	ko04151 P	Phage-rela	X	Mobilome:	
None	--	--	retinol-bin	--	--	--	--	--	
None	1	Molecular	--	--	--	--	--	--	
None	--	--	alpha-1-a	--	--	--	--	--	
None	1	Cellular Cc	serum albu	--	ko04918 T	--	--	--	
None	3	Cellular Cc	platelet fa	--	ko04060 C	--	--	--	
None	--	--	transferrin	--	ko04066 H	--	--	--	
None	--	--	hemopexir	--	--	--	--	--	
None	--	--	angiogenir	3.1.27.-	--	--	--	--	
None	2	Molecular	coagulatio	3.4.21.27	ko04610 C	Secreted tr	O	Posttransla	
None	--	--	compleme	--	ko04610 C	--	--	--	
None	1	Molecular	--	--	--	--	--	--	
None	1	Molecular	--	--	--	--	--	--	
None	1	Molecular	von Willeb	--	ko04151 P	Secreted p	R	General fu	
None	--	--	--	--	--	--	--	--	
None	--	--	coagulatio	--	ko04610 C	--	--	--	
None	--	--	myeloperc	1.11.2.2	ko04145 P	Ca2+-binc	Q	Secondary	
None	--	--	thyroxine-	--	ko04918 T	Serine pro	O	Posttransla	
None	--	--	heparin co	--	ko04610 C	Serine pro	O	Posttransla	
None	2	Molecular	type II kera	--	--	--	--	--	
None	1	Molecular	myosin ligl	--	--	Ca2+-binc	T	Signal tran	
None	--	--	--	--	--	--	--	--	
None	4	Cellular Cc	apolipopro	--	ko04975 F	Chromoso	D	Cell cycle c	
None	2	Molecular	L-lactate c	1.1.1.27	ko00010 G	Malate/lac	C	Energy pro	
None	--	--	asialoglycc	--	ko04918 T	Uncharacte	R	General fu	
None	1	Molecular	compleme	--	ko04610 C	--	--	--	
None	--	--	compleme	--	ko04610 C	--	--	--	
None	--	--	profilin	--	ko04015 R	--	--	--	
None	4	Molecular	thrombosp	--	ko04015 R	Alpha-tub	DZ	Cell cycle c	
None	2	Molecular	cathepsin I	3.4.21.20	ko04080 N	Secreted tr	O	Posttransla	
None	2	Molecular	apolipopro	3.4.21.-	ko04979 C	Secreted tr	O	Posttransla	
None	4	Molecular	receptor-t	3.1.3.48	ko04514 C	Protein tyr	T	Signal tran	
None	--	--	compleme	--	ko04610 C	--	--	--	
None	2	Molecular	vimentin	--	ko05169 E	--	--	--	
None	--	--	alpha-2-a	--	ko04610 C	Serine pro	O	Posttransla	
None	2	Molecular	type I kera	--	--	--	--	--	
None	3	Molecular	dopamine	1.14.17.1	ko00350 T	Cytochrom	C	Energy pro	
None	2	Molecular	compleme	3.4.21.42	ko04610 C	Secreted tr	O	Posttransla	
None	3	Molecular	compleme	--	ko04610 C	Uncharacte	R	General fu	
None	3	Molecular	compleme	--	ko04610 C	Uncharacte	R	General fu	
None	1	Cellular Cc	serum amy	--	--	--	--	--	
None	1	Cellular Cc	serum amy	--	--	--	--	--	
None	--	--	immunogl	--	ko04020 C	--	--	--	
None	--	--	immunogl	--	ko04020 C	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	

None	--	--	immunogl	--	ko04020	C	--	--	--	
None	--	--	--	--	--		--	--	--	
down	--	--	--	--	--		--	--	--	
None	--	--	--	--	--		--	--	--	
None	--	--	--	--	--		--	--	--	
None	--	--	immunogl	--	ko04020	C	--	--	--	
None		3 Molecular	receptor-t	3.1.3.48	ko04514	C	Protein tyr	T	Signal tran	
None	--	--	heat shock	--	ko03060	P	Molecular	O	Posttransla	
None	--	--	mannose-	--	ko04145	P	Spore coat	M	Cell wall/m	
None		1 Cellular Cc	--	--	--		--	--	--	
None		3 Molecular	myosin he	--	ko04530	T	Uncharacte	S	Function u	
None		2 Molecular	type I kera	--	--		--	--	--	
None		2 Molecular	type II kera	--	--		--	--	--	
None		1 Molecular	compleme	--	ko04610	C	--	--	--	
None		4 Molecular	pyruvate k	2.7.1.40	ko00010	G	Phosphohi	T	Signal tran	
None		4 Molecular	heat shock	--	ko04141	P	Molecular	O	Posttransla	
None		4 Molecular	matrix met	3.4.24.35	ko01522	E	Predicted Z	O	Posttransla	
None		3 Molecular	carboxype	3.4.17.3	--		Bacillopep	O	Posttransla	
None	--	--	immunogl	--	--		--	--	--	
None		1 Cellular Cc	desmoplak	--	ko05412	A	--	--	--	
None		3 Biological	--	--	--		--	--	--	
None		1 Molecular	lipopolysa	--	ko04064	N	--	--	--	
None		2 Biological	vascular ce	--	ko04064	N	--	--	--	
None	--	--	alpha-1-a	--	--		--	--	--	
None		2 Molecular	inter-alpha	--	--		Secreted p	R	General fu	
None		2 Molecular	--	--	--		Secreted tı	O	Posttransla	
None	--	--	compleme	--	ko04610	C	--	--	--	
None		1 Molecular	filamin	--	ko04010	M	Autotransp	U	Intracellula	
None		1 Molecular	carboxype	--	--		Leucine-ri	K	Transcripti	
None	--	--	--	--	--		--	--	--	
None		1 Molecular	fibulin 1/2	--	--		--	--	--	
None		3 Biological	peptidyl-p	5.2.1.8	--		Peptidyl-p	O	Posttransla	
None		3 Molecular	receptor-t	3.1.3.48	--		Protein tyr	T	Signal tran	
None		1 Molecular	--	--	--		--	--	--	
None		3 Biological	--	--	--		--	--	--	
None		3 Cellular Cc	moesin	--	ko04530	T	--	--	--	
None		1 Molecular	--	--			Sugar lact	G	Carbohydr	
None		2 Biological	dipeptidyl-	3.4.14.5	ko04974	P	Dipeptidyl	E	Amino aci	
None		1 Molecular	peroxiredc	1.11.1.15	ko04146	P	Peroxiredc	O	Posttransla	
None		3 Molecular	cadherin 5	--	ko04514	C	Large exop	U	Intracellula	
None		3 Molecular	mannosyl-	3.2.1.113	ko00510	N	--	--	--	
None	--	--	ribonuclea	3.1.27.-	--		--	--	--	
None		2 Molecular	type I kera	--	--		--	--	--	
None		1 Cellular Cc	serum amy	--	--		--	--	--	
None		2 Molecular	type II kera	--	--		Uncharacte	S	Function u	
None		1 Biological	biotinidase	3.5.1.12	ko00780	B	--	--	--	
None		1 Cellular Cc	--	--	--		--	--	--	
None		2 Molecular	mannan-b	3.4.21.-	ko04610	C	Secreted tı	O	Posttransla	
None		1 Molecular	inhibin, be	--	ko04350	T	--	--	--	
None		2 Cellular Cc	defensin, a	--	--		--	--	--	
None	--	--	actin beta/	--	ko04015	R	Actin-relat	Z	Cytoskelet	
None		1 Molecular	amyloid-lil	--	--		--	--	--	
None	--	--	glycosylph	3.1.4.50	ko00563	G	Cytolysin, a	U	Intracellula	
None	--	--	brain acid	--	--		--	--	--	
None		3 Cellular Cc	--	--	--		--	--	--	
None	--	--	--	--	--		--	--	--	
None	--	--	--	--	--		--	--	--	
None		2 Molecular	type I kera	--	--		--	--	--	

None		4	Molecular	hepatocyte	3.4.21.-	--	Secreted tr	O	Posttransla
None		2	Molecular	--	--	--	Secreted p	R	General fu
None	--	--	--	--	--	--	--	--	--
None		2	Molecular	low-densit	--	ko04979	C Glucose/ar	G	Carbohydr
None		3	Molecular	desmocolli	--	--	PKD repea	S	Function u
None	--	--	--	--	--	--	--	--	--
down	--	--	--	--	--	--	Ca2+-binc	Q	Secondary
None		2	Molecular	type II kera	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020	C --	--	--	--
None	--	--	immunogl	--	ko04020	C --	--	--	--
None	--	--	immunogl	--	ko04020	C --	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020	C --	--	--	--
None	--	--	immunogl	--	ko04020	C --	--	--	--
None	--	--	immunogl	--	ko04020	C --	--	--	--
up	--	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020	C --	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None		1	Molecular	--	--	--	--	--	--
None		2	Cellular Cc	--	--	--	--	--	--
None		1	Molecular	--	--	--	--	--	--
None	--	--	pappalysin	3.4.24.79	--	--	PKD repea	S	Function u
None	--	--	--	--	--	--	--	--	--
None		3	Molecular	desmoglei	--	ko05412	A Large exop	U	Intracellula
None		3	Molecular	hyaluronar	3.4.21.-	--	Secreted tr	O	Posttransla
None		2	Molecular	plastin-1	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None		1	Molecular	--	--		Sugar lacto	G	Carbohydr
None	--	--	ficolin	--	--	Type V sec	MU	Cell wall/m	
None		1	Molecular	cystatin-M	--	--	--	--	--
None	--	--	alpha-1-a	--	ko04610	C Serine pro	O	Posttransla	
None		2	Molecular	hemoglob	--	ko05143	A --	--	--
None		2	Molecular	compleme	3.4.21.41	ko04145	P Secreted tr	O	Posttransla
None	--	--	angiotensi	--	ko04614	R Serine pro	O	Posttransla	
None	--	--	--	--	--	--	--	--	--
None		1	Cellular Cc	serum albu	--	ko04918	T --	--	--
up	--	--	--	--	--	--	--	--	--
None	--	--	filaggrin	--	--	Autotransp	UW	Intracellula	
None	--	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	intelectin	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	pre-B lymp	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
up	--	--	pre-B lymp	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None	--	--	pre-B lymp	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--	--
None		1	Molecular	--	--	--	Heme-bin	P	Inorganic i
None	--	--	--	--	--	--	--	--	--

None	--	--	--	--	--	--	--	--	
None	--	--	C-type lec	--	--	Uncharact	R	General fu	
None	--	--	--	--	--	--	--	--	
None		1 Molecular	--	--	--	Leucine-ri	K	Transcripti	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
down		3 Molecular	compleme	3.4.21.45	ko04610 C	--	--	--	
up	--	--	--	--	--	--	--	--	
None		2 Molecular	mannan-b	3.4.21.-	ko04610 C	Secreted t	O	Posttransla	
None	--	--	--	--	--	--	--	--	
down	--	--	immunogl	--	ko04020 C	--	--	--	
None	--	--	immunogl	--	ko04020 C	--	--	--	
None	--	--	--	--	--	--	--	--	
up	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
up	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None		3 Cellular Cc	sperm equ	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	peptidase	--	--	Uncharact	S	Function u	
None		3 Molecular	CD109 ant	--	--	Uncharact	R	General fu	
None	--	--	pre-B lym	--	--	--	--	--	
None	--	--	immunogl	--	ko04020 C	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None		2 Molecular	type II ker	--	--	--	--	--	
None		2 Molecular	a disintegr	3.4.24.87	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	immunogl	--	ko04020 C	--	--	--	
None	--	--	immunogl	--	ko04020 C	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	serpin pep	--	--	Serine pro	O	Posttransla	
None	--	--	--	--	--	--	--	--	
None	--	--	kindlin 3	--	ko04611 P	--	--	--	
None	--	--	--	--	--	--	--	--	
None		2 Molecular	hemoglob	--	ko05143 A	--	--	--	
None	--	--	--	--	--	--	--	--	
None	--	--	immunogl	--	ko04020 C	--	--	--	
None		2 Molecular	protein C (	3.4.21.69	ko04610 C	Secreted t	O	Posttransla	
None		2 Molecular	type II ker	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	
down		2 Molecular	proprotein	3.4.21.-	ko04979 C	Serine pro	O	Posttransla	
None	--	--	--	--	--	--	--	--	
None	--	--	--	--	--	--	--	--	

None	--	--	--	--	--	--	--	--
up	--	--	--	--	--	--	--	--
None	--	--	apolipopro	--	ko04979 C	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None		4 Biological	HtrA serine	3.4.21.-	--	Periplasmi	O	Posttransla
None		2 Molecular	neogenin	--	ko04514 C	Phage-rela	X	Mobilome:
None	--	--	mediator c	--	ko04919 T	--	--	--
None	--	--	pre-B lymp	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None		2 Molecular	peptidogly	--	--	N-acetylm	M	Cell wall/m
None	--	--	--	--	--	--	--	--
up	--	--	--	--	--	--	--	--
None	--	--	collectin su	--	ko04145 P	Spore coat	M	Cell wall/m
None		3 Molecular	cadherin-r	--	--	Large exop	U	Intracellula
None		2 Molecular	--	--	--	Secreted tı	O	Posttransla
None	--	--	--	--	--	--	--	--
None		2 Biological	adipocyte	--	--	Sugar lacto	G	Carbohydr
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None		4 Cellular Co	--	--	--	--	--	--
None		2 Molecular	--	--	--	Secreted tı	O	Posttransla
None		1 Molecular	--	--	--	--	--	--
None		2 Biological	--	--	ko00900 T	Protoporp	H	Coenzyme
None		2 Molecular	hemoglob	--	ko05143 A	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	pre-B lymp	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
up	--	--	--	--	--	--	--	--
up	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None		2 Biological	--	--	--	Protein-tyı	T	Signal tran
None		1 Cellular Co	--	--	--	Uncharact	R	General fu
None	--	--	V-set and	--	ko04610 C	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None		3 Molecular	myosin he	--	ko04530 T	Chromoso	D	Cell cycle c
None	--	--	--	--	--	Large exop	U	Intracellula
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
up	--	--	immunogl	--	ko04020 C	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--

None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	--	--	--	--	--	--
None	--	--	immunogl	--	ko04020 C	--	--	--
None		1 Cellular Cc	vitamin D-	--	--	--	--	--
None	--	--	lactotransf	3.4.21.-	--	--	--	--

IPR_Term
IPR002048 [EF-hand domain]
IPR006077 [Vinculin/alpha-catenin]
IPR003119 [Saposin A-type domain] ; IPR007856 [Saposin-like type B, region 1] ; IPR008138 [Sapos
IPR007125 [Histone H2A/H2B/H3]
IPR007125 [Histone H2A/H2B/H3] ; IPR032454 [Histone H2A, C-terminal domain]
IPR000884 [Thrombospondin type-1 (TSP1) repeat] ; IPR002172 [Low-density lipoprotein (LDL) rec
IPR006781 [Apolipoprotein C-I]
IPR006689 [Small GTPase superfamily, ARF/SAR type]
IPR000741 [Fructose-bisphosphate aldolase, class-I]
IPR008405 [Apolipoprotein L]
IPR001609 [Myosin head, motor domain] ; IPR002928 [Myosin tail] ; IPR004009 [Myosin, N-termina
IPR000716 [Thyroglobulin type-1] ; IPR000867 [Insulin-like growth factor-binding protein, IGFBP]
IPR000225 [Armadillo]
IPR001304 [C-type lectin-like]
IPR000668 [Peptidase C1A, papain C-terminal] ; IPR012599 [Peptidase C1A, propeptide]
IPR000074 [Apolipoprotein A/E]
IPR013106 [Immunoglobulin V-set domain] ; IPR013151 [Immunoglobulin] ; IPR013162 [CD80-like,
IPR002223 [Pancreatic trypsin inhibitor Kunitz domain] ; IPR011178 [Amyloidogenic glycoprotein, c
IPR000716 [Thyroglobulin type-1] ; IPR000867 [Insulin-like growth factor-binding protein, IGFBP]
IPR025256 [Domain of unknown function DUF4203]
IPR020810 [Enolase, C-terminal TIM barrel domain] ; IPR020811 [Enolase, N-terminal]
IPR000322 [Glycoside hydrolase family 31] ; IPR025887 [Glycoside hydrolase family 31, N-terminal
IPR001452 [SH3 domain] ; IPR003134 [Hs1/Cortactin]
IPR018502 [Annexin repeat]
IPR001715 [Calponin homology domain] ; IPR002017 [Spectrin repeat] ; IPR014837 [EF-hand, Ca in
IPR001881 [EGF-like calcium-binding domain] ; IPR026823 [Complement Clr-like EGF domain]
IPR023796 [Serpin domain]
IPR023796 [Serpin domain]
IPR023796 [Serpin domain]
IPR023796 [Serpin domain]
IPR023796 [Serpin domain]
IPR000562 [Fibronectin, type II, collagen-binding] ; IPR001818 [Peptidase M10, metallopeptidase] ;
IPR002181 [Fibrinogen, alpha/beta/gamma chain, C-terminal globular domain]
IPR013768 [Intercellular adhesion molecule, N-terminal]
IPR001806 [Small GTPase superfamily]
IPR002181 [Fibrinogen, alpha/beta/gamma chain, C-terminal globular domain] ; IPR003961 [Fibror
IPR000884 [Thrombospondin type-1 (TSP1) repeat] ; IPR010294 [ADAM-TS Spacer 1] ; IPR010909 [
IPR000566 [Lipocalin/cytosolic fatty-acid binding domain]
IPR013766 [Thioredoxin domain]
IPR012496 [TMC]
IPR001212 [Somatomedin B domain] ; IPR018487 [Hemopexin-like repeats]
IPR023796 [Serpin domain]
IPR007484 [Peptidase M28]
IPR001304 [C-type lectin-like] ; IPR008160 [Collagen triple helix repeat]
IPR032174 [Intron-binding protein aquarius, N-terminal]
IPR001073 [C1q domain] ; IPR008160 [Collagen triple helix repeat]
IPR000034 [Laminin IV] ; IPR000742 [EGF-like domain] ; IPR001791 [Laminin G domain] ; IPR00204
IPR001073 [C1q domain] ; IPR008160 [Collagen triple helix repeat]
IPR001073 [C1q domain] ; IPR008160 [Collagen triple helix repeat]
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IPR001806 [Small GTPase superfamily]
IPR014782 [Peptidase M1, membrane alanine aminopeptidase, N-terminal] ; IPR024571 [ERAP1-lik
IPR000048 [IQ motif, EF-hand binding site] ; IPR000593 [RasGAP protein, C-terminal] ; IPR001715 [
IPR000082 [SEA domain] ; IPR000203 [GPS motif] ; IPR000832 [GPCR, family 2, secretin-like] ; IPR03
IPR005065 [Platelet-activating factor acetylhydrolase-like]
IPR002350 [Kazal domain] ; IPR013098 [Immunoglobulin I-set]
IPR002350 [Kazal domain] ; IPR015369 [Follistatin/Osteonectin EGF domain] ; IPR019577 [SPARC/Te

IPR000782 [FAS1 domain]
IPR001715 [Calponin homology domain] ; IPR002048 [EF-hand domain]
IPR002000 [Lysosome-associated membrane glycoprotein]
IPR003597 [Immunoglobulin C1-set] ; IPR011161 [MHC class I-like antigen recognition-like]
IPR013106 [Immunoglobulin V-set domain]
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IPR013106 [Immunoglobulin V-set domain]
IPR001715 [Calponin homology domain] ; IPR003108 [Gas2-related domain]
IPR013106 [Immunoglobulin V-set domain]
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IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR000834 [Peptidase M14, carboxypeptidase A] ; IPR003146 [Carboxypeptidase, activation peptid
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR000242 [PTP type protein phosphatase] ; IPR003961 [Fibronectin type III]
IPR004133 [DAN]
IPR002126 [Cadherin] ; IPR014868 [Cadherin prodomain]
IPR003961 [Fibronectin type III] ; IPR013098 [Immunoglobulin I-set]
IPR014760 [Serum albumin, N-terminal]
IPR001382 [Glycoside hydrolase family 47]
IPR003961 [Fibronectin type III] ; IPR013098 [Immunoglobulin I-set] ; IPR013151 [Immunoglobulin]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain] ; IPR013162 [CD80-like, immunoglobulin C2-set]
IPR000889 [Glutathione peroxidase]
IPR000436 [Sushi/SCR/CCP domain] ; IPR000538 [Link domain] ; IPR001304 [C-type lectin-like] ; IP

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IPR000421 [Coagulation factor 5/8 C-terminal domain] ; IPR011707 [Multicopper oxidase, type 3]
IPR003597 [Immunoglobulin C1-set]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR003307 [W2 domain] ; IPR003890 [MIF4G-like, type 3] ; IPR003891 [Initiation factor eIF-4 gamm
IPR013106 [Immunoglobulin V-set domain] ; IPR013162 [CD80-like, immunoglobulin C2-set]
IPR000436 [Sushi/SCR/CCP domain] ; IPR000742 [EGF-like domain] ; IPR001759 [Pentraxin-related]
IPR000866 [Alkyl hydroperoxide reductase subunit C/ Thiol specific antioxidant]

IPR013106 [Immunoglobulin V-set domain]
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IPR013106 [Immunoglobulin V-set domain]
IPR000074 [Apolipoprotein A/E]
IPR001881 [EGF-like calcium-binding domain] ; IPR011519 [ASPIC/UnbV]
IPR000372 [Leucine-rich repeat N-terminal domain] ; IPR001611 [Leucine-rich repeat]
IPR013106 [Immunoglobulin V-set domain]
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IPR013106 [Immunoglobulin V-set domain]
IPR000980 [SH2 domain] ; IPR001660 [Sterile alpha motif domain]
IPR000001 [Kringle] ; IPR001254 [Serine proteases, trypsin domain] ; IPR003609 [PAN/Apple domai
IPR013106 [Immunoglobulin V-set domain]
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IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR000504 [RNA recognition motif domain]
IPR013106 [Immunoglobulin V-set domain]
IPR000436 [Sushi/SCR/CCP domain] ; IPR001304 [C-type lectin-like]
IPR013106 [Immunoglobulin V-set domain]
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IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR000533 [Tropomyosin]
IPR000010 [Cystatin domain]
IPR000971 [Globin]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR000001 [Kringle] ; IPR000083 [Fibronectin, type I] ; IPR000562 [Fibronectin, type II, collagen-binc
IPR000074 [Apolipoprotein A/E]
IPR001124 [Lipid-binding serum glycoprotein, C-terminal] ; IPR017942 [Lipid-binding serum glyco
IPR001190 [SRCR domain] ; IPR011705 [BTB/Kelch-associated]
IPR001664 [Intermediate filament protein] ; IPR032444 [Keratin type II head]
IPR001881 [EGF-like calcium-binding domain] ; IPR026823 [Complement C1r-like EGF domain]
IPR000884 [Thrombospondin type-1 (TSP1) repeat]
IPR000294 [Gamma-carboxyglutamic acid-rich (GLA) domain] ; IPR000742 [EGF-like domain] ; IPR(
IPR000782 [FAS1 domain]
IPR024395 [CLASP N-terminal domain]
IPR011161 [MHC class I-like antigen recognition-like]
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IPR013106 [Immunoglobulin V-set domain]

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IPR013106 [Immunoglobulin V-set domain]
IPR002181 [Fibrinogen, alpha/beta/gamma chain, C-terminal globular domain] ; IPR003961 [Fibror
IPR008605 [Extracellular matrix protein 1]
IPR001254 [Serine proteases, trypsin domain] ; IPR015352 [Hepsin, SRCR domain]
IPR000994 [Peptidase M24] ; IPR007865 [Aminopeptidase P, N-terminal]
IPR001424 [Superoxide dismutase, copper/zinc binding domain]
IPR003597 [Immunoglobulin C1-set] ; IPR011161 [MHC class I-like antigen recognition-like]
IPR003386 [Lecithin:cholesterol/phospholipid:diacylglycerol acyltransferase]
IPR002999 [Tudor domain] ; IPR016071 [Staphylococcal nuclease (SNase-like), OB-fold]
IPR013766 [Thioredoxin domain] ; IPR017905 [ERV/ALR sulfhydryl oxidase domain]
IPR023796 [Serpin domain]
IPR001611 [Leucine-rich repeat] ; IPR013098 [Immunoglobulin I-set]
IPR001156 [Transferrin-like domain]
IPR007671 [Selenoprotein P, N-terminal] ; IPR007672 [Selenoprotein P, C-terminal]
IPR013106 [Immunoglobulin V-set domain]
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IPR012848 [Aspartic peptidase, N-terminal] ; IPR033121 [Peptidase family A1 domain]

IPR015247 [Vitamin D binding protein, domain III]
IPR013106 [Immunoglobulin V-set domain]
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IPR000971 [Globin]
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IPR002558 [I/LWEQ domain] ; IPR015009 [Vinculin-binding site-containing domain] ; IPR015224 [T
IPR003961 [Fibronectin type III]
IPR000242 [PTP type protein phosphatase]
IPR001190 [SRCR domain] ; IPR008160 [Collagen triple helix repeat]
IPR016179 [Insulin-like]
IPR000436 [Sushi/SCR/CCP domain] ; IPR001254 [Serine proteases, trypsin domain] ; IPR002035 [vc
IPR007110 [Immunoglobulin-like domain]
IPR013106 [Immunoglobulin V-set domain]
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IPR000538 [Link domain]
IPR003597 [Immunoglobulin C1-set] ; IPR010579 [MHC class I, alpha chain, C-terminal] ; IPR01116
IPR000626 [Ubiquitin domain] ; IPR002906 [Ribosomal protein S27a]
IPR003597 [Immunoglobulin C1-set]
IPR003597 [Immunoglobulin C1-set]
IPR010500 [Hepcidin]
IPR000533 [Tropomyosin]
IPR007477 [SAB domain] ; IPR014847 [FERM adjacent (FA)] ; IPR018979 [FERM, N-terminal] ; IPR01
IPR011259 [Ezrin/radixin/moesin, C-terminal] ; IPR018979 [FERM, N-terminal] ; IPR018980 [FERM, C
IPR000533 [Tropomyosin]
IPR000971 [Globin]
IPR013106 [Immunoglobulin V-set domain]
IPR016054 [Ly-6 antigen/uPA receptor-like]
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IPR010703 [Dedicator of cytokinesis, C-terminal] ; IPR027007 [DHR-1 domain] ; IPR032376 [Dedica
IPR000198 [Rho GTPase-activating protein domain]
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IPR023796 [Serpin domain]
IPR007110 [Immunoglobulin-like domain]
IPR001881 [EGF-like calcium-binding domain] ; IPR017878 [TB domain] ; IPR026823 [Complement
IPR023796 [Serpin domain]
IPR007123 [Gelsolin-like domain]

IPR013768 [Intercellular adhesion molecule, N-terminal]
IPR000083 [Fibronectin, type I] ; IPR000562 [Fibronectin, type II, collagen-binding] ; IPR003961 [Fib
IPR000033 [LDLR class B repeat] ; IPR000716 [Thyroglobulin type-1] ; IPR003886 [NIDO domain] ; I
IPR029422 [Coiled coil protein 74, C-terminal]
IPR000557 [Calponin repeat] ; IPR001715 [Calponin homology domain]
IPR000372 [Leucine-rich repeat N-terminal domain] ; IPR001611 [Leucine-rich repeat]
IPR000436 [Sushi/SCR/CCP domain] ; IPR015104 [Beta-2-glycoprotein-1 fifth domain]
IPR000753 [Clusterin-like]
IPR013126 [Heat shock protein 70 family]
IPR022746 [Cathelicidin, antimicrobial peptide, C-terminal]
IPR003008 [Tubulin/FtsZ, GTPase domain] ; IPR018316 [Tubulin/FtsZ, 2-layer sandwich domain]
IPR010582 [Catalase immune-responsive domain] ; IPR011614 [Catalase core domain]
IPR003193 [ADP-ribosyl cyclase (CD38/157)]
IPR001073 [C1q domain] ; IPR008160 [Collagen triple helix repeat]
IPR000436 [Sushi/SCR/CCP domain]
IPR000436 [Sushi/SCR/CCP domain] ; IPR000859 [CUB domain] ; IPR001254 [Serine proteases, tryps
IPR001483 [Urotensin II]
IPR003597 [Immunoglobulin C1-set]
IPR000971 [Globin]
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IPR013106 [Immunoglobulin V-set domain]
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IPR028364 [Ribosomal protein L1/ribosomal biogenesis protein]
IPR001156 [Transferrin-like domain]
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IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
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IPR002035 [von Willebrand factor, type A] ; IPR010600 [Inter-alpha-trypsin inhibitor heavy chain, C
IPR013151 [Immunoglobulin]
IPR009011 [Mannose-6-phosphate receptor binding domain]
IPR008403 [Apolipoprotein CIII]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR002035 [von Willebrand factor, type A] ; IPR008399 [Anthrax toxin receptor, C-terminal] ; IPR00
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IPR020829 [Glyceraldehyde 3-phosphate dehydrogenase, catalytic domain]
IPR000602 [Glycoside hydrolase family 38, N-terminal domain] ; IPR011682 [Glycosyl hydrolase fam
IPR001117 [Multicopper oxidase, type 1] ; IPR011706 [Multicopper oxidase, type 2] ; IPR011707 [Mu
IPR028120 [Apolipoprotein C-IV]
IPR023416 [Transthyretin/hydroxyisourate hydrolase, superfamily]
IPR000716 [Thyroglobulin type-1] ; IPR000867 [Insulin-like growth factor-binding protein, IGFBP]
IPR001254 [Serine proteases, trypsin domain]
IPR002181 [Fibrinogen, alpha/beta/gamma chain, C-terminal globular domain]
IPR001611 [Leucine-rich repeat]
IPR003112 [Olfactomedin-like domain] ; IPR022082 [Noelin domain]
IPR002933 [Peptidase M20] ; IPR011650 [Peptidase M20, dimerisation domain]
IPR000436 [Sushi/SCR/CCP domain] ; IPR000884 [Thrombospondin type-1 (TSP1) repeat] ; IPR0021
IPR001599 [Alpha-2-macroglobulin] ; IPR002890 [Alpha-2-macroglobulin, N-terminal] ; IPR00904
IPR011697 [Peptidase C26]
IPR001881 [EGF-like calcium-binding domain] ; IPR003367 [Thrombospondin, type 3-like repeat] ;
IPR002130 [Cyclophilin-type peptidyl-prolyl cis-trans isomerase domain]
IPR000436 [Sushi/SCR/CCP domain]
IPR013576 [Insulin-like growth factor II E-peptide, C-terminal] ; IPR016179 [Insulin-like]
IPR000157 [Toll/interleukin-1 receptor homology (TIR) domain]
IPR001304 [C-type lectin-like]
IPR001664 [Intermediate filament protein] ; IPR032444 [Keratin type II head]
IPR004160 [Translation elongation factor EFTu/EF1A, C-terminal] ; IPR004161 [Translation elongatio
IPR014760 [Serum albumin, N-terminal]
IPR004170 [WWE domain] ; IPR012317 [Poly(ADP-ribose) polymerase, catalytic domain]
IPR000421 [Coagulation factor 5/8 C-terminal domain] ; IPR000859 [CUB domain] ; IPR000998 [MA
IPR000372 [Leucine-rich repeat N-terminal domain] ; IPR001611 [Leucine-rich repeat]
IPR000742 [EGF-like domain]
IPR000294 [Gamma-carboxyglutamic acid-rich (GLA) domain] ; IPR000742 [EGF-like domain] ; IPR0
IPR023796 [Serpin domain]

IPR001881 [EGF-like calcium-binding domain] ; IPR026823 [Complement Clr-like EGF domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
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IPR001254 [Serine proteases, trypsin domain]
IPR001916 [Glycoside hydrolase, family 22]
IPR013787 [S100/CaBP-9k-type, calcium binding, subdomain]
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IPR000096 [Serum amyloid A protein]
IPR002048 [EF-hand domain] ; IPR013787 [S100/CaBP-9k-type, calcium binding, subdomain]
IPR000538 [Link domain]
IPR014044 [CAP domain]
IPR000560 [Histidine phosphatase superfamily, clade-2]
IPR013766 [Thioredoxin domain]
IPR001124 [Lipid-binding serum glycoprotein, C-terminal] ; IPR017942 [Lipid-binding serum glyco
IPR000811 [Glycosyl transferase, family 35]
IPR004020 [DAPIN domain] ; IPR004021 [HIN-200/IF120x]
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IPR022413 [ATP:guanido phosphotransferase, N-terminal] ; IPR022414 [ATP:guanido phosphotrans
IPR001599 [Alpha-2-macroglobulin] ; IPR002890 [Alpha-2-macroglobulin, N-terminal] ; IPR00904
IPR010400 [PITH domain] ; IPR013766 [Thioredoxin domain]
IPR004045 [Glutathione S-transferase, N-terminal] ; IPR004046 [Glutathione S-transferase, C-termi
IPR000436 [Sushi/SCR/CCP domain]
IPR002035 [von Willebrand factor, type A] ; IPR013517 [FG-GAP repeat] ; IPR013649 [Integrin alpha
IPR001223 [Glycoside hydrolase family 18, catalytic domain]
IPR014760 [Serum albumin, N-terminal]
IPR001839 [Transforming growth factor-beta, C-terminal]
IPR023796 [Serpin domain]
IPR013912 [Adenylate cyclase-associated CAP, C-terminal] ; IPR013992 [Adenylate cyclase-associa
IPR002035 [von Willebrand factor, type A] ; IPR010600 [Inter-alpha-trypsin inhibitor heavy chain, C
IPR000566 [Lipocalin/cytosolic fatty-acid binding domain]
IPR001820 [Protease inhibitor I35 (TIMP)]
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IPR013126 [Heat shock protein 70 family]
IPR001124 [Lipid-binding serum glycoprotein, C-terminal] ; IPR017942 [Lipid-binding serum glyco
IPR007110 [Immunoglobulin-like domain]
IPR001073 [C1q domain] ; IPR011489 [EMI domain]
IPR002213 [UDP-glucuronosyl/UDP-glucosyltransferase]
IPR001156 [Transferrin-like domain]
IPR000118 [Granulin]
IPR027791 [Galactosyltransferase, C-terminal] ; IPR027995 [Galactosyltransferase, N-terminal]
IPR000742 [EGF-like domain] ; IPR001254 [Serine proteases, trypsin domain]
IPR014760 [Serum albumin, N-terminal]
IPR000980 [SH2 domain]
IPR003008 [Tubulin/FtsZ, GTPase domain] ; IPR018316 [Tubulin/FtsZ, 2-layer sandwich domain]
IPR002890 [Alpha-2-macroglobulin, N-terminal]
IPR001304 [C-type lectin-like]
IPR001148 [Alpha carbonic anhydrase]
IPR000652 [Triosephosphate isomerase]
IPR001881 [EGF-like calcium-binding domain] ; IPR026823 [Complement Clr-like EGF domain]
IPR000198 [Rho GTPase-activating protein domain] ; IPR004148 [BAR domain]
IPR003597 [Immunoglobulin C1-set]
IPR001156 [Transferrin-like domain]
IPR000010 [Cystatin domain]
IPR000436 [Sushi/SCR/CCP domain]
IPR000436 [Sushi/SCR/CCP domain]

IPR000436 [Sushi/SCR/CCP domain] ; IPR001254 [Serine proteases, trypsin domain] ; IPR002035 [vc
IPR002000 [Lysosome-associated membrane glycoprotein]
IPR002165 [Plexin repeat]
IPR000436 [Sushi/SCR/CCP domain] ; IPR000884 [Thrombospondin type-1 (TSP1) repeat] ; IPR020E
IPR013106 [Immunoglobulin V-set domain]
IPR002890 [Alpha-2-macroglobulin, N-terminal]
IPR002035 [von Willebrand factor, type A] ; IPR013694 [VIT domain]
IPR002172 [Low-density lipoprotein (LDL) receptor class A repeat] ; IPR020864 [Membrane attack c
IPR001590 [Peptidase M12B, ADAM/reprolysin] ; IPR002870 [Peptidase M12B, propeptide]
IPR002048 [EF-hand domain]
IPR001599 [Alpha-2-macroglobulin]
IPR001881 [EGF-like calcium-binding domain] ; IPR003367 [Thrombospondin, type 3-like repeat] ;
IPR000010 [Cystatin domain]
IPR002035 [von Willebrand factor, type A] ; IPR013694 [VIT domain]
IPR002126 [Cadherin] ; IPR014868 [Cadherin prodomain]
IPR008605 [Extracellular matrix protein 1]
IPR013836 [CD34/Podocalyxin]
IPR008753 [Peptidase M13, N-terminal domain] ; IPR018497 [Peptidase M13, C-terminal domain]
IPR006047 [Glycosyl hydrolase, family 13, catalytic domain] ; IPR006048 [Alpha-amylase/branching
IPR000884 [Thrombospondin type-1 (TSP1) repeat] ; IPR010294 [ADAM-TS Spacer 1] ; IPR010909 [
IPR002035 [von Willebrand factor, type A] ; IPR002223 [Pancreatic trypsin inhibitor Kunitz domain]
IPR000562 [Fibronectin, type II, collagen-binding] ; IPR000772 [Ricin B, lectin domain] ; IPR001304
IPR001747 [Lipid transport protein, N-terminal] ; IPR009454 [Lipid transport, open beta-sheet] ; IPF
IPR002048 [EF-hand domain]
IPR001156 [Transferrin-like domain]
IPR000566 [Lipocalin/cytosolic fatty-acid binding domain]
IPR009056 [Cytochrome c-like domain]
IPR001190 [SRCR domain]
IPR002223 [Pancreatic trypsin inhibitor Kunitz domain]
IPR002181 [Fibrinogen, alpha/beta/gamma chain, C-terminal globular domain] ; IPR012290 [Fibrin
IPR023410 [14-3-3 domain]
IPR004000 [Actin family]
IPR002018 [Carboxylesterase, type B] ; IPR014788 [Acetylcholinesterase, tetramerisation domain]
IPR002350 [Kazal domain] ; IPR015369 [Follistatin/Osteonectin EGF domain] ; IPR019577 [SPARC/Te
IPR000096 [Serum amyloid A protein]
IPR014044 [CAP domain]
IPR008160 [Collagen triple helix repeat] ; IPR010515 [Collagenase NC10/endostatin]
IPR013768 [Intercellular adhesion molecule, N-terminal]
IPR001811 [Chemokine interleukin-8-like domain]
IPR001254 [Serine proteases, trypsin domain]
IPR011707 [Multicopper oxidase, type 3]
IPR014760 [Serum albumin, N-terminal] ; IPR015247 [Vitamin D binding protein, domain III]
IPR002126 [Cadherin]
IPR000971 [Globin]
IPR001212 [Somatomedin B domain] ; IPR018487 [Hemopexin-like repeats]
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IPR000566 [Lipocalin/cytosolic fatty-acid binding domain]
IPR000294 [Gamma-carboxyglutamic acid-rich (GLA) domain] ; IPR000742 [EGF-like domain] ; IPR(
IPR000719 [Protein kinase domain]
IPR001190 [SRCR domain] ; IPR001254 [Serine proteases, trypsin domain] ; IPR002172 [Low-density
IPR001212 [Somatomedin B domain] ; IPR001604 [DNA/RNA non-specific endonuclease] ; IPR0025
IPR013022 [Xylose isomerase-like, TIM barrel domain]
IPR023796 [Serpin domain]
IPR023796 [Serpin domain]
IPR002108 [Actin-depolymerising factor homology domain]
IPR000294 [Gamma-carboxyglutamic acid-rich (GLA) domain] ; IPR000742 [EGF-like domain] ; IPR(
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IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR003137 [PA domain] ; IPR007365 [Transferrin receptor-like, dimerisation domain] ; IPR007484 [F
IPR023412 [Ribonuclease A-domain]
IPR023796 [Serpin domain]
IPR000001 [Kringle] ; IPR001254 [Serine proteases, trypsin domain] ; IPR003609 [PAN/Apple domai
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IPR001128 [Cytochrome P450] ; IPR001254 [Serine proteases, trypsin domain] ; IPR003609 [PAN/Ap
IPR000859 [CUB domain]
IPR018487 [Hemopexin-like repeats]
IPR001664 [Intermediate filament protein] ; IPR032444 [Keratin type II head] ; IPR032449 [Keratin ty
IPR001791 [Laminin G domain]
IPR001627 [Sema domain] ; IPR002165 [Plexin repeat]
IPR013871 [Cysteine-rich secretory protein] ; IPR014044 [CAP domain]
IPR000741 [Fructose-bisphosphate aldolase, class-I]
IPR002861 [Reeler domain]
IPR008257 [Renal dipeptidase family]
IPR019439 [FMP27, N-terminal] ; IPR019441 [FMP27, GFWDK domain] ; IPR019443 [FMP27, C-tern
IPR008019 [Apolipoprotein C-II] ; IPR028120 [Apolipoprotein C-IV]
IPR001404 [Heat shock protein Hsp90 family] ; IPR003594 [Histidine kinase-like ATPase, C-terminal
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IPR001007 [VWFC domain] ; IPR001846 [von Willebrand factor, type D domain] ; IPR002035 [von W
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IPR000742 [EGF-like domain] ; IPR001881 [EGF-like calcium-binding domain] ; IPR013032 [EGF-like
IPR000436 [Sushi/SCR/CCP domain] ; IPR000859 [CUB domain] ; IPR001254 [Serine proteases, tryps
IPR001627 [Sema domain] ; IPR002165 [Plexin repeat] ; IPR002909 [IPT domain] ; IPR013548 [Plexin
IPR027791 [Galactosyltransferase, C-terminal] ; IPR027995 [Galactosyltransferase, N-terminal]
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IPR001190 [SRCR domain]
IPR000719 [Protein kinase domain] ; IPR010513 [KEN domain]
IPR002181 [Fibrinogen, alpha/beta/gamma chain, C-terminal globular domain]
IPR000859 [CUB domain] ; IPR001304 [C-type lectin-like] ; IPR002165 [Plexin repeat] ; IPR006652 [K
IPR022734 [Apolipoprotein M]
IPR006148 [Glucosamine/galactosamine-6-phosphate isomerase] ; IPR022674 [Glucose-6-phosph
IPR003010 [Carbon-nitrogen hydrolase]
IPR013106 [Immunoglobulin V-set domain]
IPR001236 [Lactate/malate dehydrogenase, N-terminal] ; IPR022383 [Lactate/malate dehydrogenas
IPR000421 [Coagulation factor 5/8 C-terminal domain] ; IPR001117 [Multicopper oxidase, type 1] ;
IPR001102 [Transglutaminase, N-terminal] ; IPR002931 [Transglutaminase-like] ; IPR008958 [Transg
IPR001576 [Phosphoglycerate kinase]
IPR000001 [Kringle] ; IPR000294 [Gamma-carboxyglutamic acid-rich (GLA) domain] ; IPR001254 [Se
IPR001254 [Serine proteases, trypsin domain]
IPR001254 [Serine proteases, trypsin domain]
IPR000294 [Gamma-carboxyglutamic acid-rich (GLA) domain] ; IPR000742 [EGF-like domain] ; IPR(
IPR000001 [Kringle] ; IPR001254 [Serine proteases, trypsin domain] ; IPR003609 [PAN/Apple domai
IPR000001 [Kringle] ; IPR000083 [Fibronectin, type I] ; IPR000562 [Fibronectin, type II, collagen-bind
IPR001148 [Alpha carbonic anhydrase]
IPR001599 [Alpha-2-macroglobulin] ; IPR002890 [Alpha-2-macroglobulin, N-terminal] ; IPR009048
IPR000020 [Anaphylatoxin/fibulin] ; IPR001599 [Alpha-2-macroglobulin] ; IPR002890 [Alpha-2-ma
IPR000020 [Anaphylatoxin/fibulin] ; IPR001599 [Alpha-2-macroglobulin] ; IPR002890 [Alpha-2-ma
IPR024110 [Immunoglobulin J chain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]

IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set]
IPR000885 [Fibrillar collagen, C-terminal] ; IPR001007 [VWFC domain] ; IPR008160 [Collagen triple
IPR001664 [Intermediate filament protein]
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IPR002181 [Fibrinogen, alpha/beta/gamma chain, C-terminal globular domain] ; IPR012290 [Fibrin
IPR002181 [Fibrinogen, alpha/beta/gamma chain, C-terminal globular domain] ; IPR012290 [Fibrin
IPR002181 [Fibrinogen, alpha/beta/gamma chain, C-terminal globular domain] ; IPR012290 [Fibrin
IPR001759 [Pentraxin-related]
IPR001759 [Pentraxin-related]
IPR001611 [Leucine-rich repeat]
IPR000083 [Fibronectin, type I] ; IPR000562 [Fibronectin, type II, collagen-binding] ; IPR003961 [Fib
IPR000566 [Lipocalin/cytosolic fatty-acid binding domain]
IPR000566 [Lipocalin/cytosolic fatty-acid binding domain] ; IPR002223 [Pancreatic trypsin inhibitor
IPR000566 [Lipocalin/cytosolic fatty-acid binding domain]
IPR014760 [Serum albumin, N-terminal]
IPR001811 [Chemokine interleukin-8-like domain]
IPR001156 [Transferrin-like domain]
IPR018487 [Hemopexin-like repeats]
IPR023412 [Ribonuclease A-domain]
IPR001254 [Serine proteases, trypsin domain] ; IPR003609 [PAN/Apple domain]
IPR000436 [Sushi/SCR/CCP domain]
IPR000010 [Cystatin domain]
IPR007110 [Immunoglobulin-like domain]
IPR001007 [VWFC domain] ; IPR001846 [von Willebrand factor, type D domain] ; IPR002035 [von W
IPR013106 [Immunoglobulin V-set domain]
IPR000436 [Sushi/SCR/CCP domain]
IPR019791 [Haem peroxidase, animal]
IPR023796 [Serpin domain]
IPR023796 [Serpin domain]
IPR001664 [Intermediate filament protein] ; IPR032444 [Keratin type II head]
IPR002048 [EF-hand domain]
IPR013106 [Immunoglobulin V-set domain]
IPR000074 [Apolipoprotein A/E]
IPR001236 [Lactate/malate dehydrogenase, N-terminal] ; IPR022383 [Lactate/malate dehydrogenas
IPR001304 [C-type lectin-like] ; IPR005640 [Hepatic lectin, N-terminal]
IPR000884 [Thrombospondin type-1 (TSP1) repeat] ; IPR002172 [Low-density lipoprotein (LDL) rec
IPR000566 [Lipocalin/cytosolic fatty-acid binding domain]
IPR005455 [Profilin]
IPR000884 [Thrombospondin type-1 (TSP1) repeat] ; IPR001007 [VWFC domain] ; IPR003367 [Thro
IPR001254 [Serine proteases, trypsin domain]
IPR000001 [Kringle] ; IPR001254 [Serine proteases, trypsin domain]
IPR000242 [PTP type protein phosphatase] ; IPR003961 [Fibronectin type III] ; IPR016335 [Receptor
IPR000436 [Sushi/SCR/CCP domain]
IPR001664 [Intermediate filament protein] ; IPR006821 [Intermediate filament head, DNA-binding
IPR023796 [Serpin domain]
IPR001664 [Intermediate filament protein]
IPR000323 [Copper type II, ascorbate-dependent monooxygenase, N-terminal] ; IPR005018 [DOM
IPR000436 [Sushi/SCR/CCP domain] ; IPR000859 [CUB domain] ; IPR001254 [Serine proteases, tryps
IPR000020 [Anaphylatoxin/fibulin] ; IPR001599 [Alpha-2-macroglobulin] ; IPR002890 [Alpha-2-ma
IPR000020 [Anaphylatoxin/fibulin] ; IPR001599 [Alpha-2-macroglobulin] ; IPR002890 [Alpha-2-ma
IPR000096 [Serum amyloid A protein]
IPR000096 [Serum amyloid A protein]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain] ; IPR013151 [Imr
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain] ; IPR013151 [Imr
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]

IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR000242 [PTP type protein phosphatase] ; IPR003961 [Fibronectin type III] ; IPR013098 [Immunog
IPR013126 [Heat shock protein 70 family]
IPR001304 [C-type lectin-like] ; IPR008160 [Collagen triple helix repeat]
IPR007990 [Prolactin-inducible protein]
IPR001609 [Myosin head, motor domain] ; IPR002928 [Myosin tail] ; IPR004009 [Myosin, N-termina
IPR001664 [Intermediate filament protein]
IPR001664 [Intermediate filament protein] ; IPR032444 [Keratin type II head]
IPR000436 [Sushi/SCR/CCP domain] ; IPR000884 [Thrombospondin type-1 (TSP1) repeat] ; IPR0021
IPR015793 [Pyruvate kinase, barrel] ; IPR015795 [Pyruvate kinase, C-terminal]
IPR001404 [Heat shock protein Hsp90 family] ; IPR003594 [Histidine kinase-like ATPase, C-terminal
IPR000562 [Fibronectin, type II, collagen-binding] ; IPR001818 [Peptidase M10, metallopeptidase] ;
IPR000834 [Peptidase M14, carboxypeptidase A]
IPR003597 [Immunoglobulin C1-set]
IPR001101 [Plectin repeat]
IPR000716 [Thyroglobulin type-1] ; IPR000867 [Insulin-like growth factor-binding protein, IGFBP]
IPR001124 [Lipid-binding serum glycoprotein, C-terminal] ; IPR017942 [Lipid-binding serum glyco
IPR008424 [Immunoglobulin C2-set] ; IPR013098 [Immunoglobulin I-set] ; IPR013151 [Immunoglob
IPR000566 [Lipocalin/cytosolic fatty-acid binding domain]
IPR002035 [von Willebrand factor, type A] ; IPR010600 [Inter-alpha-trypsin inhibitor heavy chain, C
IPR001254 [Serine proteases, trypsin domain]
IPR000436 [Sushi/SCR/CCP domain]
IPR001715 [Calponin homology domain] ; IPR017868 [Filamin/ABP280 repeat-like]
IPR001611 [Leucine-rich repeat]
IPR013106 [Immunoglobulin V-set domain]
IPR001881 [EGF-like calcium-binding domain] ; IPR026823 [Complement Clr-like EGF domain]
IPR002130 [Cyclophilin-type peptidyl-prolyl cis-trans isomerase domain]
IPR000242 [PTP type protein phosphatase] ; IPR001148 [Alpha carbonic anhydrase] ; IPR003961 [Fil
IPR008435 [Corticotropin-releasing factor-binding protein]
IPR000716 [Thyroglobulin type-1] ; IPR000867 [Insulin-like growth factor-binding protein, IGFBP]
IPR011259 [Ezrin/radixin/moesin, C-terminal] ; IPR018979 [FERM, N-terminal] ; IPR018980 [FERM, C
IPR002640 [Arylesterase]
IPR001375 [Peptidase S9, prolyl oligopeptidase, catalytic domain] ; IPR002469 [Dipeptidylpeptidase
IPR013740 [Redoxin]
IPR000233 [Cadherin, cytoplasmic domain] ; IPR002126 [Cadherin]
IPR001382 [Glycoside hydrolase family 47]
IPR023412 [Ribonuclease A-domain]
IPR001664 [Intermediate filament protein]
IPR000096 [Serum amyloid A protein]
IPR001664 [Intermediate filament protein] ; IPR032444 [Keratin type II head]
IPR003010 [Carbon-nitrogen hydrolase]
IPR014760 [Serum albumin, N-terminal]
IPR000436 [Sushi/SCR/CCP domain] ; IPR000859 [CUB domain] ; IPR001254 [Serine proteases, tryps
IPR001839 [Transforming growth factor-beta, C-terminal]
IPR002366 [Defensin propeptide] ; IPR006081 [Alpha-defensin]
IPR004000 [Actin family]
IPR002223 [Pancreatic trypsin inhibitor Kunitz domain]
IPR013517 [FG-GAP repeat] ; IPR029002 [Phospholipase C/D]
IPR008408 [Brain acid soluble protein 1]
IPR028130 [Dermcidin]
IPR000436 [Sushi/SCR/CCP domain]
IPR000436 [Sushi/SCR/CCP domain]
IPR001664 [Intermediate filament protein]

IPR000001 [Kringle] ; IPR000083 [Fibronectin, type I] ; IPR000562 [Fibronectin, type II, collagen-bind
IPR002035 [von Willebrand factor, type A] ; IPR010600 [Inter-alpha-trypsin inhibitor heavy chain, C
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IPR000033 [LDLR class B repeat] ; IPR001881 [EGF-like calcium-binding domain] ; IPR002172 [Low-
IPR000233 [Cadherin, cytoplasmic domain] ; IPR002126 [Cadherin] ; IPR014868 [Cadherin prodoma
IPR002181 [Fibrinogen, alpha/beta/gamma chain, C-terminal globular domain]
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IPR001664 [Intermediate filament protein] ; IPR032444 [Keratin type II head]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
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IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR002350 [Kazal domain] ; IPR015369 [Follistatin/Osteonectin EGF domain]
IPR010892 [Secreted phosphoprotein 24]
IPR000742 [EGF-like domain] ; IPR001073 [C1q domain] ; IPR011489 [EMI domain]
IPR000436 [Sushi/SCR/CCP domain] ; IPR008754 [Peptidase M43, pregnancy-associated plasma-A]
IPR026114 [Apolipoprotein F]
IPR002126 [Cadherin]
IPR000001 [Kringle] ; IPR000742 [EGF-like domain] ; IPR001254 [Serine proteases, trypsin domain]
IPR001715 [Calponin homology domain] ; IPR002048 [EF-hand domain]
IPR000859 [CUB domain] ; IPR018933 [Netrin module, non-TIMP type]
IPR002640 [Arylesterase]
IPR002181 [Fibrinogen, alpha/beta/gamma chain, C-terminal globular domain] ; IPR008160 [Collag
IPR000010 [Cystatin domain]
IPR023796 [Serpin domain]
IPR000971 [Globin]
IPR000436 [Sushi/SCR/CCP domain] ; IPR000859 [CUB domain] ; IPR001254 [Serine proteases, tryps
IPR023796 [Serpin domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR014760 [Serum albumin, N-terminal]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR013787 [S100/CaBP-9k-type, calcium binding, subdomain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
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IPR013106 [Immunoglobulin V-set domain]
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IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR001611 [Leucine-rich repeat]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]

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IPR001304 [C-type lectin-like]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR000742 [EGF-like domain] ; IPR001611 [Leucine-rich repeat]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
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IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR001190 [SRCR domain] ; IPR002172 [Low-density lipoprotein (LDL) receptor class A repeat]
IPR013106 [Immunoglobulin V-set domain]
IPR001254 [Serine proteases, trypsin domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
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IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR026743 [Sperm equatorial segment protein 1]
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IPR014044 [CAP domain]
IPR001599 [Alpha-2-macroglobulin] ; IPR002890 [Alpha-2-macroglobulin, N-terminal] ; IPR00904
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR001664 [Intermediate filament protein] ; IPR032444 [Keratin type II head]
IPR000884 [Thrombospondin type-1 (TSP1) repeat] ; IPR001590 [Peptidase M12B, ADAM/reprolysi
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IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
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IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set]
IPR023796 [Serpin domain]
IPR026315 [Out at first protein]
IPR001849 [Pleckstrin homology domain] ; IPR019748 [FERM central domain]
IPR008664 [LISCH7]
IPR000971 [Globin]
IPR013787 [S100/CaBP-9k-type, calcium binding, subdomain]
IPR013106 [Immunoglobulin V-set domain]
IPR001254 [Serine proteases, trypsin domain]
IPR001664 [Intermediate filament protein] ; IPR032444 [Keratin type II head]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR000209 [Peptidase S8/S53 domain] ; IPR010259 [Peptidase S8 propeptide/proteinase inhibitor I
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
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IPR003597 [Immunoglobulin C1-set] ; IPR013151 [Immunoglobulin]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
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IPR001507 [Zona pellucida domain]
IPR000436 [Sushi/SCR/CCP domain]
IPR000867 [Insulin-like growth factor-binding protein, IGFBP] ; IPR001478 [PDZ domain] ; IPR0023
IPR003961 [Fibronectin type III] ; IPR007110 [Immunoglobulin-like domain] ; IPR010560 [Neogenin
IPR021019 [Mediator complex, subunit Med30, metazoa]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR002502 [N-acetylmuramoyl-L-alanine amidase domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR001304 [C-type lectin-like] ; IPR008160 [Collagen triple helix repeat]
IPR002126 [Cadherin]
IPR000859 [CUB domain] ; IPR001254 [Serine proteases, trypsin domain]
IPR013106 [Immunoglobulin V-set domain]
IPR018119 [Strictosidine synthase, conserved region]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR032748 [Phosphoprotein associated with glycosphingolipid-enriched microdomains 1]
IPR000859 [CUB domain] ; IPR001254 [Serine proteases, trypsin domain]
IPR000010 [Cystatin domain]
IPR010795 [Prenylcysteine lyase]
IPR000971 [Globin]
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IPR013106 [Immunoglobulin V-set domain]
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IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR000340 [Dual specificity phosphatase, catalytic domain]
IPR011626 [Alpha-macroglobulin complement component] ; IPR019565 [Alpha-2-macroglobulin,
IPR013106 [Immunoglobulin V-set domain]
IPR013106 [Immunoglobulin V-set domain]
IPR001609 [Myosin head, motor domain] ; IPR002928 [Myosin tail] ; IPR004009 [Myosin, N-termina
IPR001846 [von Willebrand factor, type D domain] ; IPR002919 [Trypsin Inhibitor-like, cysteine rich
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
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IPR003597 [Immunoglobulin C1-set] ; IPR013106 [Immunoglobulin V-set domain]
IPR014760 [Serum albumin, N-terminal] ; IPR015247 [Vitamin D binding protein, domain III]
IPR001156 [Transferrin-like domain]

eptor class A repeat] ; IPR020864 [Membrane attack complex component/perforin (MACPF) domair

opper-binding] ; IPR015849 [Amyloidogenic glycoprotein, heparin-binding] ; IPR019543 [Beta-amy

) [Laminin EGF domain] ; IPR002172 [Low-density lipoprotein (LDL) receptor class A repeat] ; IPR007

| ; IPR001881 [EGF-like calcium-binding domain] ; IPR002035 [von Willebrand factor, type A] ; IPR0(

alin, central] ; IPR018979 [FERM, N-terminal] ; IPR019748 [FERM central domain] ; IPR032425 [Talin,

L72 [Low-density lipoprotein (LDL) receptor class A repeat] ; IPR020864 [Membrane attack complex
3 [Alpha-macroglobulin, receptor-binding] ; IPR011625 [Alpha-2-macroglobulin, N-terminal 2] ; IP

IPR008859 [Thrombospondin, C-terminal] ; IPR024665 [Thrombospondin/cartilage oligomeric matr

3 [Alpha-macroglobulin, receptor-binding] ; IPR011625 [Alpha-2-macroglobulin, N-terminal 2] ; IP

IPR008859 [Thrombospondin, C-terminal] ; IPR024665 [Thrombospondin/cartilage oligomeric matr

/illebrand factor, type A] ; IPR002919 [Trypsin Inhibitor-like, cysteine rich domain] ; IPR014853 [Uncl

ate dehydrogenase, NAD-binding] ; IPR022675 [Glucose-6-phosphate dehydrogenase, C-terminal]

3 [Alpha-macroglobulin, receptor-binding] ; IPR011625 [Alpha-2-macroglobulin, N-terminal 2] ; IP
croglobulin, N-terminal] ; IPR009048 [Alpha-macroglobulin, receptor-binding] ; IPR011625 [Alpha-
croglobulin, N-terminal] ; IPR009048 [Alpha-macroglobulin, receptor-binding] ; IPR011625 [Alpha-

ogen, alpha/beta/gamma chain, coiled coil domain] ; IPR021996 [Fibrinogen alpha C domain]

/illebrand factor, type A] ; IPR002919 [Trypsin Inhibitor-like, cysteine rich domain] ; IPR014853 [Uncl

eptor class A repeat] ; IPR020864 [Membrane attack complex component/perforin (MACPF) domair

-type tyrosine-protein phosphatase C] ; IPR024739 [Protein tyrosine phosphatase, receptor type, N

ON domain] ; IPR024548 [Copper type II ascorbate-dependent monooxygenase, C-terminal]

croglobulin, N-terminal] ; IPR009048 [Alpha-macroglobulin, receptor-binding] ; IPR011625 [Alpha-
croglobulin, N-terminal] ; IPR009048 [Alpha-macroglobulin, receptor-binding] ; IPR011625 [Alpha-

L72 [Low-density lipoprotein (LDL) receptor class A repeat] ; IPR002350 [Kazal domain] ; IPR020864

·density lipoprotein (LDL) receptor class A repeat] ; IPR026823 [Complement Clr-like EGF domain] ;

3 [Alpha-macroglobulin, receptor-binding] ; IPR011625 [Alpha-2-macroglobulin, N-terminal 2] ; IP

domain] ; IPR014853 [Uncharacterised domain, cysteine-rich] ; IPR025615 [TILa domain]

/loid precursor protein C-terminal] ; IPR024329 [Amyloidogenic glycoprotein, E2 domain]

)3410 [HYR domain] ; IPR011641 [Tyrosine-protein kinase ephrin type A/B receptor-like] ; IPR01303

R011626 [Alpha-macroglobulin complement component] ; IPR019565 [Alpha-2-macroglobulin, thi

R011626 [Alpha-macroglobulin complement component] ; IPR019565 [Alpha-2-macroglobulin, thi

haracterised domain, cysteine-rich] ; IPR032361 [von Willebrand factor, VWA N-terminal domain]

R011626 [Alpha-macroglobulin complement component] ; IPR019565 [Alpha-2-macroglobulin, thi
·2-macroglobulin, N-terminal 2] ; IPR011626 [Alpha-macroglobulin complement component] ; IPR(
·2-macroglobulin, N-terminal 2] ; IPR011626 [Alpha-macroglobulin complement component] ; IPR(

haracterised domain, cysteine-rich] ; IPR032361 [von Willebrand factor, VWA N-terminal domain]

·2-macroglobulin, N-terminal 2] ; IPR011626 [Alpha-macroglobulin complement component] ; IPR(

R011626 [Alpha-macroglobulin complement component] ; IPR019565 [Alpha-2-macroglobulin, thi

D18933 [Netrin module, non-TIMP type] ; IPR019565 [Alpha-2-macroglobulin, thiol-ester bond-for

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D18933 [Netrin module, non-TIMP type] ; IPR019565 [Alpha-2-macroglobulin, thiol-ester bond-for

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additional file 2: page 158 to 164

Protein	Description	Gene	S1	S2	S3	S4	S5	S6
A0A024R3	Cathepsin	CTSB	25457.6	36669.62	16311.56	9252.642	21913.65	19212.58
A0A024R4	Insulin-like	IGFBP5	6745.469	8692.381	0	8372.411	10411.44	11278.18
A0A024RD	SPARC-like	SPARCL1	0	14071.24	9229.142	12979.11	9224.014	22657.2
A0A024RD	Lysosomal	LAMP1	12992.53	19123.3	14337.07	13505.64	10150.43	32614.21
A0A068LN	Ig heavy chain variabl		3252230	4215748	1955638	3042468	3147298	1716602
A0A075B6	Immunogl	IGLV3-12	0	0	0	8236.094	70365.29	0
A0A109PP	MS-C2 light chain var		130377.5	1352164	200612.1	1020570	174093.6	787538.6
A0A125QY	GCT-A6 light chain va		0	0	329572.1	0	285738.7	0
A0A125QY	IBM-B2 heavy chain v		2515532	3037551	3959000	1910470	3522983	1496249
A0A1L2BU	Anti-staphylococcal e		35759.44	468956.7	70693.57	98479.91	550121.1	103563.5
A0A1U9W	Insulin-like growth fa		6224.015	0	17602.8	12404.42	15878.64	8624.972
A0A1W6IY	N90-VRC38.05 heavy		219715.5	22986.53	48225.71	19984.61	47770.48	306265.2
A0A286YE	Immunogl	IGHG3	30165668	35950988	32434816	16543170	16942030	14855433
A0A2U8J8	Ig heavy ch	IgH	83002.31	120453.6	153761.8	132392.9	73496.85	242458.4
A0A2U8J8	Ig heavy ch	IgH	50863.21	111991.4	50025.73	81598.55	50239.83	117491.7
A0A2U8J8	Ig heavy ch	IgH	1342127	2817630	129334.8	2308388	2620918	3264814
A0A2U8J8	Ig heavy ch	IgH	32829.94	53562.56	89219.9	111693.3	162604	110029.3
A0A2U8J8	Ig heavy ch	IgH	277413.3	414960	391983.4	436745	451797.3	241422.5
A0A2U8J9	Ig heavy ch	IgH	695590.4	2181092	563064.8	99231.02	875335	583412.1
A0A2U8J9	Ig heavy ch	IgH	6993.839	14413.49	5568.763	11824.89	19347.38	10540.66
A0A2U8J9	Ig heavy ch	IgH	0	0	0	23858.19	0	0
A0A384MI	Epididymis secretory s		0	0	0	0	0	125194.4
A2J1N4	Rheumatoid factor RF		321831.6	186874.1	243632	145601.5	231864.9	122362.6
A2J422	Anti-HER3 scFv (Fragi		118155.4	31700.41	108034.7	93912.1	101665.3	272799.4
A2N0S9	VH6DJ pro	VH6DJ	0	38036.77	21372.7	0	0	21854.92
A2NYV1	Heavy chain Fab (Frag		218470.1	813437.2	686894.1	161253.1	1153090	1273759
A2VDG3	CSF1R pro	CSF1R	0	0	98242.38	0	89154.88	0
A8K3I0	cDNA FLJ78437, highl		8539.188	9532.105	19868.51	4990.972	23729.61	14581.45
B0YIZ6	Cubilin var	CUBN	89501.63	98511.59	186766.6	190382.8	189713.1	49644.97
B1N7B9	Cryocrystalglobulin C		808232.1	655950.1	542070.6	1052557	260998	520661.6
B2R4C5	Lysozyme	LYZ	38523.89	97474.31	52196.59	43179.35	33828.02	56198.66
B2R7I0	cDNA, FLJ93451, high		40922.64	87919.32	75363.22	33135.67	59903.77	111974.8
B7Z832	cDNA FLJ51409, highl		11611.88	13244.13	10531.9	12025.09	0	6702.577
C9JF17	Apolipopr	APOD	907265.9	1173801	1032471	1120725	975035.5	1496166
D3DSM4	Collagen, t	COL18A1	14720.03	16408.95	66967.03	55259.91	15793.48	67309.73
D6RE86	Ceruloplas	CP	32506.71	33478.27	0	32375.46	29805.07	0
E1B4S8	Apolipopr	APOB	201499.9	159422.8	134047.1	200634	223143.3	207743.7
G1FM90	Anti-Influenza A hem		3347982	4422754	5357378	2890563	5026250	2026237
P00915	Carbonic a	CA1	37025.79	18826.78	39390.37	22825.23	24801.96	41733.42
P0DOX8	Immunoglobulin lamb		3725390	4388946	5012275	3538180	4191968	4249662
Q09666	Neuroblas	AHNAK	5123.492	3254.181	12146.03	4020.288	14715.76	5748.376
Q0ZCI0	Immunglobulin heavy		111866.4	148024.1	115657.2	180019	160022.5	195522
Q5CZ94	Uncharact	DKFZp781	156843	243746.3	338018.2	161574.1	267892.5	158586.5
Q5NV82	V4-2 prote	V4-2	91991.63	20073.65	79593.21	8910.725	115093.6	239493.2
Q6LAM1	Heavy chain of factor		161577.5	77905.02	142534.9	148946	73281.59	65756.7
Q6LBV5	DNA rearranged by a		59829.47	44955.49	0	31819.61	32701.57	33215.52
Q6MZU6	Uncharact	DKFZp686	4867162	8528442	5924677	6648767	5450657	10846584
Q6N041	Uncharact	DKFZp686	7328.644	0	0	87196.99	0	93820.97
Q6N097	Uncharact	DKFZp686	106623.2	118903	83680.37	73318.67	367809.7	274864.7
Q8NBP7	Proprotein	PCSK9	16138.02	16152.55	8443.666	11735.12	4972.494	11153.71
Q8TCD0	Uncharacterized prote		19921972	23607334	19788184	18308650	21875232	26083740
Q96SB0	Anti-streptococcal/ar		23545.98	182557.9	60476.78	117931.9	77255.63	39721.96
Q9UL86	Myosin-reactive immu		1499133	350395.7	320988.8	240355.5	194503.8	1509417
Q9UL88	Myosin-reactive immu		885499.7	1133176	1007774	920450.3	1264071	946000.7
S6BGD4	IgG H chain		1408696	1839721	2902390	1840269	1768388	3135712

S7	S8	S9	S10	C1	C2	C3	C4	C5
34901.6	14100.41	0	22683.09	4545.37	0	0	19145.42	11441.65
0	3013.984	2147.28	4216.268	7832.993	23373	12903.87	16921.61	17432.33
20759.04	18798.94	22738.06	28331.69	18312.18	14216.49	9385.113	9854.9	7253.495
14720.2	14436.83	28929.1	17795.3	0	0	8133.507	5723.669	12180.9
1592168	1692733	2436297	1356497	3192312	4736178	4037417	2327373	5634289
1350236	79453.41	46390.19	0	0	8701.188	1971510	4797234	1915964
1738844	203402.6	1707289	1839862	153250.5	749657	242800.1	104386.9	115811
208984.9	0	0	186407.4	0	0	30502.13	170539.3	0
3366990	5406506	6767177	2997065	1485243	1911678	2184583	962864.8	3541565
84934.15	98366.69	85463.16	87206.98	713668.6	906923.4	323116.9	411459.4	514785.3
6952.431	9464.373	13112.42	12300.41	21032.81	16112.16	12447.52	11963.61	21333.23
260432	39558.45	237193.6	384654	0	9698.982	19892.77	58840.66	30289.72
46754440	16408049	65215400	33900460	9028015	25631524	15283871	8233777	12595329
265018.6	232804.3	174851.6	152929.9	107802.1	69176.52	114809.8	70261.59	107996.7
205700.9	103556.9	151732.1	164251.6	30290.94	74575.41	81300.28	93687.88	73571.03
3397863	5776548	66856.98	1777692	73479.48	1585260	2687084	155064.6	221328.5
133386.9	257007.3	79511.06	105077.4	58074.54	89017.59	68901.11	69625.84	68160.67
533767.8	846205.9	446430.3	425258.7	111042.7	271219.6	207196	344054.1	231910.7
977278.4	907283.2	1867112	829863.3	369516.7	745536.8	624461.1	727603.4	450862.1
3104.819	31555.82	16672.04	10015.11	0	12732.86	51952.62	29653.92	66228.24
77564.16	30127.48	28794.25	0	84020.25	78780.19	115244.4	0	0
0	0	101807.8	0	0	288026.8	287795.2	0	0
277702.7	302782.2	166427.1	125597.2	39399.39	0	168095.6	77170.69	149956.8
760058.4	238806.6	264486.3	376979	117959	53135.61	88070.25	82128.52	138905.7
57308.6	34845.55	44166.79	64632.51	6021.902	0	0	0	22561
724775.9	700398.8	1482898	577128.7	504228.7	127162.5	448992	109688.8	187348.9
56753.9	0	56520.35	0	10779.95	4199.216	6643.271	14415.94	6950.146
54378.77	47216.06	14145.18	41516.89	14286.64	9120.183	6356.763	10016.45	8205.501
148199.7	45574.97	82756.82	156128	34293.41	59643.61	81939.2	61738.93	111279.2
955930.6	602660	405117.7	257333.2	615268.5	1160220	587012.1	1014296	1084148
6646.501	5391.11	16747.49	6574.728	61395.66	36870.96	69383.23	53844.64	47204.27
61658.74	55846.66	88494.27	24215.84	0	84881.98	0	0	33049.61
7457.315	13911.51	7177.544	5610.576	17189.88	0	17711.87	20082.74	0
985348.2	850427.5	691469.5	1067804	1584194	2366769	1507529	2152249	1609863
10409.33	6710.216	9570.792	7816.165	50903.95	53117.57	49976.28	81822.06	62578.19
0	0	0	0	0	20874.84	19775.95	23040.95	0
242843.8	270164	66996.31	263235.1	0	83445.07	83295.62	132501.3	65329.02
4332143	6920130	8737848	4097320	1972394	2688968	3005849	1590871	4687086
69126.11	0	8726.481	16171.7	5476.685	21604.12	0	24667.5	0
6845331	4768147	4459225	3795290	5978345	6276775	5835348	5889117	8398462
10123.22	0	3198.766	3743.391	16303.8	20053.67	3302.501	18431.12	12605.04
237550.8	283769.3	397059.1	145871.6	150913.8	63110.59	110225.1	67715.28	131023.8
249782.4	598808.1	577298.3	283192.1	250128.5	76128.68	110377.9	103628.5	225993.7
232530.9	190168.7	491610.5	108488.8	17189.15	22537.85	125594.4	15466.85	29008.02
102310.7	99731.05	104085.5	79311.28	257465	148796.6	181914.4	249854.6	129240.9
55323.25	70607.16	51496.26	42889.77	0	0	0	26640.96	25317.43
1213651	19271034	867902.2	7650791	10143779	16676315	15703297	16031192	14922334
81847.75	78540.02	137412.2	67563.81	9571.027	14299.51	0	0	0
349440.3	272625.9	661171.5	293629.5	81570.45	69380.92	126629.6	91493.2	79403.48
17007.95	10642.59	0	3281.653	20202.79	0	16243.6	18000.51	15387.04
49277456	44851480	52305948	42662932	26187924	14012930	24481088	12462757	26402090
92960.68	23365.03	69877.19	52473.18	13730.53	24542.87	36828.63	30060.57	24288.79
2166051	1670669	2097019	1972051	195930.2	172489.9	207290.4	120658.8	625987.2
1122793	1118947	1132786	893564.1	511864.7	496532.7	499089.8	573859.2	644542.1
5208674	4553355	6055957	3039556	1583238	1335141	1819890	1221009	1948990

C6	C7	C8	C9	C10	S.vs.C FC	S.vs.C Pval	S.vs.C log2	S.vs.C UP.D
21105.28	10858.86	0	12205.51	2747.329	1.900642	0.022509	0.926487	up
7921.41	11416.15	12780.26	9341.599	13417.46	0.514447	0.00563	-0.9589	down
7109.777	14351.31	6851.277	7256.044	15743.42	1.599068	0.018105	0.677231	up
9761.69	11826	0	12800.59	8440.398	1.815437	0.007594	0.860317	up
1406064	2408991	5498999	4638708	4274300	0.639704	0.020188	-0.64452	down
15804.69	3798553	0	1582377	0	0.154473	0.047865	-2.69457	down
142618	685953.6	813643.1	397316.2	116580.6	2.599293	0.039087	1.378119	up
156264.3	172846.4	154934.8	0	0	1.844115	0.028989	0.882928	up
2296513	3759735	1406407	2585241	1072473	1.649487	0.03027	0.722018	up
103607.9	191289	981958.9	343340.7	599709.1	0.330765	0.005799	-1.59612	down
16494.14	24833.88	20881.58	17315.47	34793.72	0.577869	0.004535	-0.79118	down
50626.99	54214.32	6389.525	166837.6	39191.39	3.275612	0.03563	1.711764	up
10358878	10822323	13310423	44593868	11089455	1.92094	0.027884	0.941813	up
82051.01	114438.7	137007.4	107976.5	119373.2	1.582288	0.019549	0.662012	up
34241.36	30023.69	84222.69	54729.63	61123.45	1.760296	0.024676	0.815818	up
59496.94	1336172	3065491	112431.5	487016.6	2.402391	0.046686	1.264471	up
56758.35	79909.75	35424.61	53424.19	80238.69	1.72079	0.041916	0.783071	up
144393	234847	213183.9	233438.2	384408.3	1.879866	0.002032	0.91063	up
394814.7	181198.9	417787.7	559905.9	447165.9	1.947458	0.043946	0.961592	up
23029.37	36581.78	39326.51	35741.7	20331.39	0.370853	0.001563	-1.43108	down
0	0	0	0	0	0.432513	0.030838	-1.20918	down
0	0	0	0	0	0.394223	0.042599	-1.34292	down
56834.14	135982	72859.66	56131.19	53501.99	2.360951	0.000546	1.239368	up
30473.19	35150.23	118090.3	32466.69	70680.2	3.085285	0.042356	1.625404	up
11174	14049.99	24958.72	0	0	2.559291	0.012042	1.355744	up
397560.3	456739.2	839548.1	685001.9	180355.8	1.979387	0.023338	0.985053	up
0	57480.3	0	0	72672.02	3.039001	0.013189	1.603597	up
6254.728	21921.08	8846.853	3840.004	6624.642	2.498079	0.032062	1.320819	up
50612.73	141622.2	94620.43	108374.4	31524.55	1.595027	0.044973	0.67358	up
1365516	1013739	611283.9	1037664	1438036	0.610597	0.007559	-0.71171	down
70776.72	50409.98	97301.09	50069.75	63558.62	0.593795	0.033241	-0.75196	down
98893.98	116997.9	138191.1	119524.4	108273.6	0.639606	0.02857	-0.64474	down
6061.193	19568.05	25331.32	0	11978.45	0.582211	0.009968	-0.78039	down
1376470	1251706	835194	1810241	1125355	0.659462	0.005815	-0.60064	down
70044.8	49177.53	47475.45	10798.36	80298.21	0.48718	0.012445	-1.03747	down
0	0	0	0	0	1.509209	0.000313	0.593792	up
177335.5	134481.4	87853.91	136085.6	118454.3	1.740075	0.002528	0.79915	up
3177846	5158317	1914558	3699890	2014442	1.576672	0.02952	0.656882	up
5361.505	8728.792	14546.13	11308.59	10687.26	2.419103	0.018836	1.274472	up
13430261	14970247	4397174	4918636	3945393	0.607436	0.040469	-0.7192	down
7574.449	10779.56	19679.57	21147.35	18253.45	0.465607	0.004556	-1.10282	down
137662.6	167200.8	173401.5	169756.3	109662.5	1.542441	0.041399	0.625216	up
72642.01	178084.7	122635	140315.6	82851.95	2.227598	0.010251	1.155489	up
12899.1	40327.92	120473.4	75143.63	28991.57	3.235956	0.040658	1.694192	up
138584.1	92326.52	169285.6	147885.6	88732.26	0.65797	0.017991	-0.60391	down
0	0	34121.02	0	0	1.637396	0.049162	0.711403	up
13894890	10689256	13722111	7306066	11374047	0.546281	0.006354	-0.87228	down
0	31032.05	0	9329.803	28239.22	4.277069	0.005271	2.096622	up
159016.8	137799.2	133619.4	92050.48	74334.76	2.489306	0.023398	1.315743	up
15730.27	13024.75	31260.85	11043.44	14795.1	0.639276	0.02615	-0.64549	down
21125224	20307770	25074290	22579542	18478050	1.509547	0.038384	0.594115	up
12057.77	51122.49	26903.31	22745.47	33019.29	2.688583	0.014292	1.426846	up
441810.5	531121.9	148890.3	723604.6	377686.7	3.390405	0.010379	1.761458	up
586528.3	907179.1	1208320	469491.3	809889.6	1.554287	0.000385	0.636253	up
888413.5	1656174	1234560	1040700	1799172	2.185729	0.007874	1.128115	up

GO_NUM	GO_Descri	KEGG_Des	KEGG_EC	KEGG_ko	COG_Func	COG_Func	COG_Class	IPR_Term
4	Molecular	cathepsin l	3.4.22.1	ko04140 A	Cysteine p	O	Posttransla	IPR000668
3	Biological	--	--	--	--	--	--	IPR000716
4	Molecular	--	--	--	--	--	--	IPR002350
1	Cellular Cc	lysosomal-	--	ko04140 A	--	--	--	IPR002000
--	--	--	--	--	--	--	--	IPR013106
--	--	pre-B lym	--	--	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR013106
--	--	pre-B lym	--	--	--	--	--	IPR013106
2	Molecular	insulin-like	--	ko01521 E	--	--	--	IPR016179
--	--	immunogl	--	ko04020 C	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR003597
--	--	--	--	--	--	--	--	IPR013106
--	--	immunogl	--	ko04020 C	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR013106
--	--	immunogl	--	ko04020 C	--	--	--	IPR013106
--	--	C1 inhibitc	--	ko04610 C	Serine pro	O	Posttransla	IPR023796
--	--	--	--	--	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR013106
--	--	immunogl	--	ko04020 C	--	--	--	IPR013106
--	--	immunogl	--	ko04020 C	--	--	--	IPR013106
--	--	macropha	2.7.10.1	ko04010 M	--	--	--	IPR013151
3	Molecular	thrombosp	--	ko04145 P	Alpha-tub	DZ	Cell cycle c	IPR001881
1	Molecular	cubilin	--	ko04977 V	--	--	--	IPR000742
--	--	--	--	--	--	--	--	IPR013106
--	--	lysozyme (	3.2.1.17	ko04970 S	--	--	--	IPR001916
1	Biological	--	--	--	Negative r	O	Posttransla	IPR013766
3	Molecular	thrombosp	--	ko04145 P	Alpha-tub	DZ	Cell cycle c	IPR001881
--	--	apolipopro	--	--	Bacterial li	M	Cell wall/m	IPR000566
3	Molecular	collagen, t	--	ko04974 P	Autotransp	UW	Intracellula	IPR008160
1	Molecular	ceruloplasi	1.16.3.1	ko00860 P	Multicopp	DPM	Cell cycle c	IPR011707
--	--	apolipopro	--	ko04975 F	--	--	--	--
--	--	--	--	--	--	--	--	IPR013106
--	--	carbonic a	4.2.1.1	ko00910 N	Carbonic a	P	Inorganic i	IPR001148
--	--	--	--	--	--	--	--	IPR003597
--	--	--	--	--	Ca2+-binc	Q	Secondary	--
--	--	--	--	--	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR003597
--	--	pre-B lym	--	--	--	--	--	IPR013106
3	Molecular	compleme	3.4.21.45	ko04610 C	--	--	--	IPR001190
--	--	--	--	--	--	--	--	IPR013106
--	--	immunogl	--	ko04020 C	--	--	--	IPR003597
--	--	--	--	--	--	--	--	IPR003597
--	--	--	--	--	--	--	--	IPR003597
2	Molecular	proprotein	3.4.21.-	ko04979 C	Serine pro	O	Posttransla	IPR000209
--	--	--	--	--	--	--	--	IPR003597
--	--	--	--	--	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR013106
--	--	--	--	--	--	--	--	IPR013106
--	--	immunogl	--	ko04020 C	--	--	--	IPR003597

[Kazal domain] ; IPR015369 [Follistatin/Osteonectin EGF domain] ; IPR019577 [SPARC/Testican, calc

[EGF-like calcium-binding domain] ; IPR003367 [Thrombospondin, type 3-like repeat] ; IPR008859

[EGF-like calcium-binding domain] ; IPR003367 [Thrombospondin, type 3-like repeat] ; IPR008859

[Peptidase S8/S53 domain] ; IPR010259 [Peptidase S8 propeptide/proteinase inhibitor I9]

[Thrombospondin, C-terminal] ; IPR024665 [Thrombospondin/cartilage oligomeric matrix protein,

[Thrombospondin, C-terminal] ; IPR024665 [Thrombospondin/cartilage oligomeric matrix protein,

coiled-coil domain]

coiled-coil domain]

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Protein	Description	Gene	S1	S2	S3	S4	S5	S6
D6RE86	Ceruloplas	CP	32506.71	33478.27	0	32375.46	29805.07	0
Q9UL88	Myosin-reactive imm		885499.7	1133176	1007774	920450.3	1264071	946000.7
A2J1N4	Rheumatoid factor RF		321831.6	186874.1	243632	145601.5	231864.9	122362.6
A0A2U8J8	Ig heavy cl	IgH	277413.3	414960	391983.4	436745	451797.3	241422.5
E1B4S8	Apolipopr	APOB	201499.9	159422.8	134047.1	200634	223143.3	207743.7
Q6N041	Uncharact	DKFZp686	7328.644	0	0	87196.99	0	93820.97
A0A024RD	Lysosomal	LAMP1	12992.53	19123.3	14337.07	13505.64	10150.43	32614.21
S6BGD4	IgG H chain		1408696	1839721	2902390	1840269	1768388	3135712
Q5CZ94	Uncharact	DKFZp781	156843	243746.3	338018.2	161574.1	267892.5	158586.5
Q9UL86	Myosin-reactive imm		1499133	350395.7	320988.8	240355.5	194503.8	1509417
A2N0S9	VH6DJ pro	VH6DJ	0	38036.77	21372.7	0	0	21854.92
A2VDG3	CSF1R pro	CSF1R	0	0	98242.38	0	89154.88	0
Q96SB0	Anti-streptococcal/ar		23545.98	182557.9	60476.78	117931.9	77255.63	39721.96
A0A024RD	SPARC-lik	SPARCL1	0	14071.24	9229.142	12979.11	9224.014	22657.2
P00915	Carbonic a	CA1	37025.79	18826.78	39390.37	22825.23	24801.96	41733.42
A0A2U8J8	Ig heavy cl	IgH	83002.31	120453.6	153761.8	132392.9	73496.85	242458.4
A0A024R3	Cathepsin	CTSB	25457.6	36669.62	16311.56	9252.642	21913.65	19212.58
A2NYV1	Heavy chain Fab (Frag		218470.1	813437.2	686894.1	161253.1	1153090	1273759
Q6N097	Uncharact	DKFZp686	106623.2	118903	83680.37	73318.67	367809.7	274864.7
A0A2U8J8	Ig heavy cl	IgH	50863.21	111991.4	50025.73	81598.55	50239.83	117491.7
A0A286YE	Immunogl	IGHG3	30165668	35950988	32434816	16543170	16942030	14855433
A0A125QY	GCT-A6 light chain va		0	0	329572.1	0	285738.7	0
G1FM90	Anti-Influenza A hem		3347982	4422754	5357378	2890563	5026250	2026237
A0A125QY	IBM-B2 heavy chain v		2515532	3037551	3959000	1910470	3522983	1496249
A8K3I0	cDNA FLJ78437, highl		8539.188	9532.105	19868.51	4990.972	23729.61	14581.45
A0A1W6IY	N90-VRC38.05 heavy		219715.5	22986.53	48225.71	19984.61	47770.48	306265.2
Q8TCD0	Uncharacterized prot		19921972	23607334	19788184	18308650	21875232	26083740
A0A109PP	MS-C2 light chain var		130377.5	1352164	200612.1	1020570	174093.6	787538.6
Q5NV82	V4-2 prote	V4-2	91991.63	20073.65	79593.21	8910.725	115093.6	239493.2
Q0ZCI0	Immunglobulin heavy		111866.4	148024.1	115657.2	180019	160022.5	195522
A0A2U8J8	Ig heavy cl	IgH	32829.94	53562.56	89219.9	111693.3	162604	110029.3
A2J422	Anti-HER3 scFv (Frag		118155.4	31700.41	108034.7	93912.1	101665.3	272799.4
A0A2U8J9	Ig heavy cl	IgH	695590.4	2181092	563064.8	99231.02	875335	583412.1
B0YIZ6	Cubilin var	CUBN	89501.63	98511.59	186766.6	190382.8	189713.1	49644.97
A0A2U8J8	Ig heavy cl	IgH	1342127	2817630	129334.8	2308388	2620918	3264814
Q6LBV5	DNA rearranged by a		59829.47	44955.49	0	31819.61	32701.57	33215.52

S7	S8	S9	S10	C1	C2	C3	C4	C5
0	0	0	0	0	20874.84	19775.95	23040.95	0
1122793	1118947	1132786	893564.1	511864.7	496532.7	499089.8	573859.2	644542.1
277702.7	302782.2	166427.1	125597.2	39399.39	0	168095.6	77170.69	149956.8
533767.8	846205.9	446430.3	425258.7	111042.7	271219.6	207196	344054.1	231910.7
242843.8	270164	66996.31	263235.1	0	83445.07	83295.62	132501.3	65329.02
81847.75	78540.02	137412.2	67563.81	9571.027	14299.51	0	0	0
14720.2	14436.83	28929.1	17795.3	0	0	8133.507	5723.669	12180.9
5208674	4553355	6055957	3039556	1583238	1335141	1819890	1221009	1948990
249782.4	598808.1	577298.3	283192.1	250128.5	76128.68	110377.9	103628.5	225993.7
2166051	1670669	2097019	1972051	195930.2	172489.9	207290.4	120658.8	625987.2
57308.6	34845.55	44166.79	64632.51	6021.902	0	0	0	22561
56753.9	0	56520.35	0	10779.95	4199.216	6643.271	14415.94	6950.146
92960.68	23365.03	69877.19	52473.18	13730.53	24542.87	36828.63	30060.57	24288.79
20759.04	18798.94	22738.06	28331.69	18312.18	14216.49	9385.113	9854.9	7253.495
69126.11	0	8726.481	16171.7	5476.685	21604.12	0	24667.5	0
265018.6	232804.3	174851.6	152929.9	107802.1	69176.52	114809.8	70261.59	107996.7
34901.6	14100.41	0	22683.09	4545.37	0	0	19145.42	11441.65
724775.9	700398.8	1482898	577128.7	504228.7	127162.5	448992	109688.8	187348.9
349440.3	272625.9	661171.5	293629.5	81570.45	69380.92	126629.6	91493.2	79403.48
205700.9	103556.9	151732.1	164251.6	30290.94	74575.41	81300.28	93687.88	73571.03
46754440	16408049	65215400	33900460	9028015	25631524	15283871	8233777	12595329
208984.9	0	0	186407.4	0	0	30502.13	170539.3	0
4332143	6920130	8737848	4097320	1972394	2688968	3005849	1590871	4687086
3366990	5406506	6767177	2997065	1485243	1911678	2184583	962864.8	3541565
54378.77	47216.06	14145.18	41516.89	14286.64	9120.183	6356.763	10016.45	8205.501
260432	39558.45	237193.6	384654	0	9698.982	19892.77	58840.66	30289.72
49277456	44851480	52305948	42662932	26187924	14012930	24481088	12462757	26402090
1738844	203402.6	1707289	1839862	153250.5	749657	242800.1	104386.9	115811
232530.9	190168.7	491610.5	108488.8	17189.15	22537.85	125594.4	15466.85	29008.02
237550.8	283769.3	397059.1	145871.6	150913.8	63110.59	110225.1	67715.28	131023.8
133386.9	257007.3	79511.06	105077.4	58074.54	89017.59	68901.11	69625.84	68160.67
760058.4	238806.6	264486.3	376979	117959	53135.61	88070.25	82128.52	138905.7
977278.4	907283.2	1867112	829863.3	369516.7	745536.8	624461.1	727603.4	450862.1
148199.7	45574.97	82756.82	156128	34293.41	59643.61	81939.2	61738.93	111279.2
3397863	5776548	66856.98	1777692	73479.48	1585260	2687084	155064.6	221328.5
55323.25	70607.16	51496.26	42889.77	0	0	0	26640.96	25317.43

C6	C7	C8	C9	C10	S.vs.C FC	S.vs.C Pval	S.vs.C log2	S.vs.C UP.D
0	0	0	0	0	1.509209	0.000313	0.593792	up
586528.3	907179.1	1208320	469491.3	809889.6	1.554287	0.000385	0.636253	up
56834.14	135982	72859.66	56131.19	53501.99	2.360951	0.000546	1.239368	up
144393	234847	213183.9	233438.2	384408.3	1.879866	0.002032	0.91063	up
177335.5	134481.4	87853.91	136085.6	118454.3	1.740075	0.002528	0.79915	up
0	31032.05	0	9329.803	28239.22	4.277069	0.005271	2.096622	up
9761.69	11826	0	12800.59	8440.398	1.815437	0.007594	0.860317	up
888413.5	1656174	1234560	1040700	1799172	2.185729	0.007874	1.128115	up
72642.01	178084.7	122635	140315.6	82851.95	2.227598	0.010251	1.155489	up
441810.5	531121.9	148890.3	723604.6	377686.7	3.390405	0.010379	1.761458	up
11174	14049.99	24958.72	0	0	2.559291	0.012042	1.355744	up
0	57480.3	0	0	72672.02	3.039001	0.013189	1.603597	up
12057.77	51122.49	26903.31	22745.47	33019.29	2.688583	0.014292	1.426846	up
7109.777	14351.31	6851.277	7256.044	15743.42	1.599068	0.018105	0.677231	up
5361.505	8728.792	14546.13	11308.59	10687.26	2.419103	0.018836	1.274472	up
82051.01	114438.7	137007.4	107976.5	119373.2	1.582288	0.019549	0.662012	up
21105.28	10858.86	0	12205.51	2747.329	1.900642	0.022509	0.926487	up
397560.3	456739.2	839548.1	685001.9	180355.8	1.979387	0.023338	0.985053	up
159016.8	137799.2	133619.4	92050.48	74334.76	2.489306	0.023398	1.315743	up
34241.36	30023.69	84222.69	54729.63	61123.45	1.760296	0.024676	0.815818	up
10358878	10822323	13310423	44593868	11089455	1.92094	0.027884	0.941813	up
156264.3	172846.4	154934.8	0	0	1.844115	0.028989	0.882928	up
3177846	5158317	1914558	3699890	2014442	1.576672	0.02952	0.656882	up
2296513	3759735	1406407	2585241	1072473	1.649487	0.03027	0.722018	up
6254.728	21921.08	8846.853	3840.004	6624.642	2.498079	0.032062	1.320819	up
50626.99	54214.32	6389.525	166837.6	39191.39	3.275612	0.03563	1.711764	up
21125224	20307770	25074290	22579542	18478050	1.509547	0.038384	0.594115	up
142618	685953.6	813643.1	397316.2	116580.6	2.599293	0.039087	1.378119	up
12899.1	40327.92	120473.4	75143.63	28991.57	3.235956	0.040658	1.694192	up
137662.6	167200.8	173401.5	169756.3	109662.5	1.542441	0.041399	0.625216	up
56758.35	79909.75	35424.61	53424.19	80238.69	1.72079	0.041916	0.783071	up
30473.19	35150.23	118090.3	32466.69	70680.2	3.085285	0.042356	1.625404	up
394814.7	181198.9	417787.7	559905.9	447165.9	1.947458	0.043946	0.961592	up
50612.73	141622.2	94620.43	108374.4	31524.55	1.595027	0.044973	0.67358	up
59496.94	1336172	3065491	112431.5	487016.6	2.402391	0.046686	1.264471	up
0	0	34121.02	0	0	1.637396	0.049162	0.711403	up

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Protein	Description	Gene	S1	S2	S3	S4	S5	S6
A0A024R4	Insulin-like	IGFBP5	6745.469	8692.381	0	8372.411	10411.44	11278.18
A0A068LN	Ig heavy chain variabl		3252230	4215748	1955638	3042468	3147298	1716602
A0A075B6	Immunogl	IGLV3-12	0	0	0	8236.094	70365.29	0
A0A1L2BU	Anti-staphylococcal e		35759.44	468956.7	70693.57	98479.91	550121.1	103563.5
A0A1U9W.	Insulin-like growth fa		6224.015	0	17602.8	12404.42	15878.64	8624.972
A0A2U8J9	Ig heavy cl	IgH	6993.839	14413.49	5568.763	11824.89	19347.38	10540.66
A0A2U8J9	Ig heavy cl	IgH	0	0	0	23858.19	0	0
A0A384MI	Epididymis secretory s		0	0	0	0	0	125194.4
B1N7B9	Cryocrystalglobulin C		808232.1	655950.1	542070.6	1052557	260998	520661.6
B2R4C5	Lysozyme	LYZ	38523.89	97474.31	52196.59	43179.35	33828.02	56198.66
B2R7I0	cDNA, FLJ93451, high		40922.64	87919.32	75363.22	33135.67	59903.77	111974.8
B7Z832	cDNA FLJ51409, highl		11611.88	13244.13	10531.9	12025.09	0	6702.577
C9JF17	Apolipopr	APOD	907265.9	1173801	1032471	1120725	975035.5	1496166
D3DSM4	Collagen, t	COL18A1	14720.03	16408.95	66967.03	55259.91	15793.48	67309.73
P0DOX8	Immunoglobulin lamb		3725390	4388946	5012275	3538180	4191968	4249662
Q09666	Neuroblas	AHNAK	5123.492	3254.181	12146.03	4020.288	14715.76	5748.376
Q6LAM1	Heavy chain of factor		161577.5	77905.02	142534.9	148946	73281.59	65756.7
Q6MZU6	Uncharact	DKFZp686	4867162	8528442	5924677	6648767	5450657	10846584
Q8NBP7	Proprotein	PCSK9	16138.02	16152.55	8443.666	11735.12	4972.494	11153.71

S7	S8	S9	S10	C1	C2	C3	C4	C5
0	3013.984	2147.28	4216.268	7832.993	23373	12903.87	16921.61	17432.33
1592168	1692733	2436297	1356497	3192312	4736178	4037417	2327373	5634289
1350236	79453.41	46390.19	0	0	8701.188	1971510	4797234	1915964
84934.15	98366.69	85463.16	87206.98	713668.6	906923.4	323116.9	411459.4	514785.3
6952.431	9464.373	13112.42	12300.41	21032.81	16112.16	12447.52	11963.61	21333.23
3104.819	31555.82	16672.04	10015.11	0	12732.86	51952.62	29653.92	66228.24
77564.16	30127.48	28794.25	0	84020.25	78780.19	115244.4	0	0
0	0	101807.8	0	0	288026.8	287795.2	0	0
955930.6	602660	405117.7	257333.2	615268.5	1160220	587012.1	1014296	1084148
6646.501	5391.11	16747.49	6574.728	61395.66	36870.96	69383.23	53844.64	47204.27
61658.74	55846.66	88494.27	24215.84	0	84881.98	0	0	33049.61
7457.315	13911.51	7177.544	5610.576	17189.88	0	17711.87	20082.74	0
985348.2	850427.5	691469.5	1067804	1584194	2366769	1507529	2152249	1609863
10409.33	6710.216	9570.792	7816.165	50903.95	53117.57	49976.28	81822.06	62578.19
6845331	4768147	4459225	3795290	5978345	6276775	5835348	5889117	8398462
10123.22	0	3198.766	3743.391	16303.8	20053.67	3302.501	18431.12	12605.04
102310.7	99731.05	104085.5	79311.28	257465	148796.6	181914.4	249854.6	129240.9
1213651	19271034	867902.2	7650791	10143779	16676315	15703297	16031192	14922334
17007.95	10642.59	0	3281.653	20202.79	0	16243.6	18000.51	15387.04

C6	C7	C8	C9	C10	S.vs.C FC	S.vs.C Pval	S.vs.C log2	S.vs.C UP.D
7921.41	11416.15	12780.26	9341.599	13417.46	0.514447	0.00563	-0.9589	down
1406064	2408991	5498999	4638708	4274300	0.639704	0.020188	-0.64452	down
15804.69	3798553	0	1582377	0	0.154473	0.047865	-2.69457	down
103607.9	191289	981958.9	343340.7	599709.1	0.330765	0.005799	-1.59612	down
16494.14	24833.88	20881.58	17315.47	34793.72	0.577869	0.004535	-0.79118	down
23029.37	36581.78	39326.51	35741.7	20331.39	0.370853	0.001563	-1.43108	down
0	0	0	0	0	0.432513	0.030838	-1.20918	down
0	0	0	0	0	0.394223	0.042599	-1.34292	down
1365516	1013739	611283.9	1037664	1438036	0.610597	0.007559	-0.71171	down
70776.72	50409.98	97301.09	50069.75	63558.62	0.593795	0.033241	-0.75196	down
98893.98	116997.9	138191.1	119524.4	108273.6	0.639606	0.02857	-0.64474	down
6061.193	19568.05	25331.32	0	11978.45	0.582211	0.009968	-0.78039	down
1376470	1251706	835194	1810241	1125355	0.659462	0.005815	-0.60064	down
70044.8	49177.53	47475.45	10798.36	80298.21	0.48718	0.012445	-1.03747	down
13430261	14970247	4397174	4918636	3945393	0.607436	0.040469	-0.7192	down
7574.449	10779.56	19679.57	21147.35	18253.45	0.465607	0.004556	-1.10282	down
138584.1	92326.52	169285.6	147885.6	88732.26	0.65797	0.017991	-0.60391	down
13894890	10689256	13722111	7306066	11374047	0.546281	0.006354	-0.87228	down
15730.27	13024.75	31260.85	11043.44	14795.1	0.639276	0.02615	-0.64549	down

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