

**Comparative proteomic analysis of serum from nonhuman primates  
administered BIO 300, a promising radiation countermeasure**

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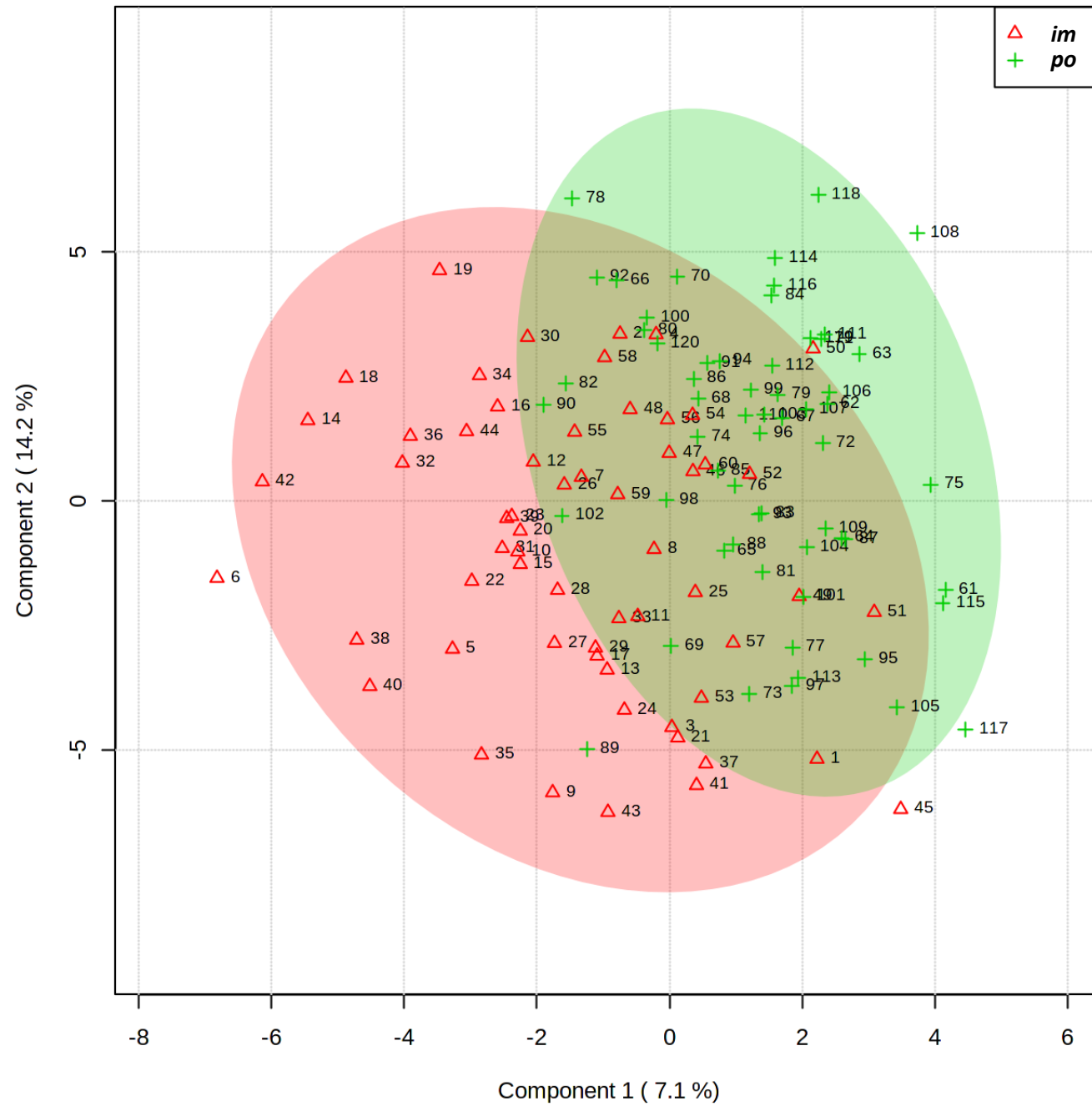
1. **Supplementary Figure 1.** An overlay of QC spectra that were run throughout the entire sample set underscoring the reproducibility of data acquisition.



2. **Supplementary Figure 2.** PCA plot demonstrating the overall perturbation in proteins expression across all time points for both routes of administrations. These LC-MS data were searched against rhesus macaque database.

Supplementary Figure 2

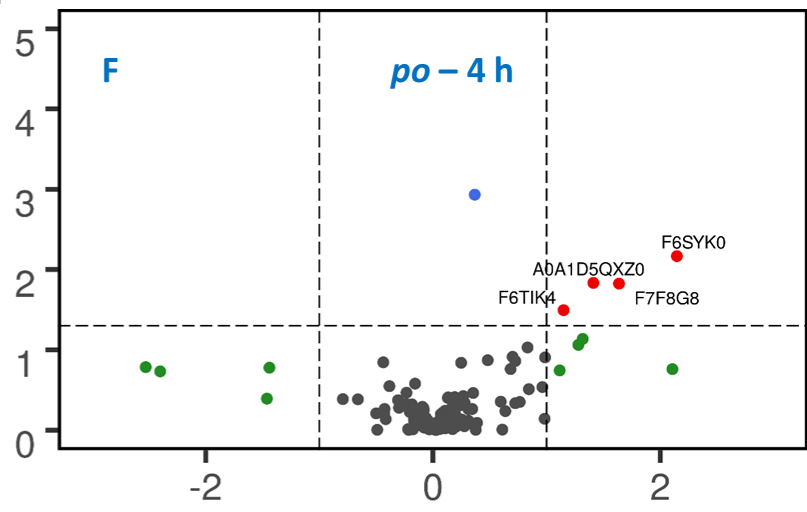
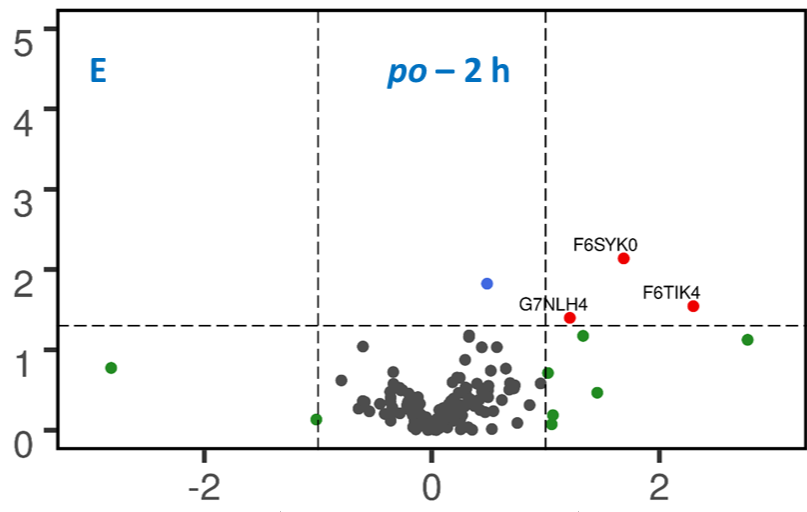
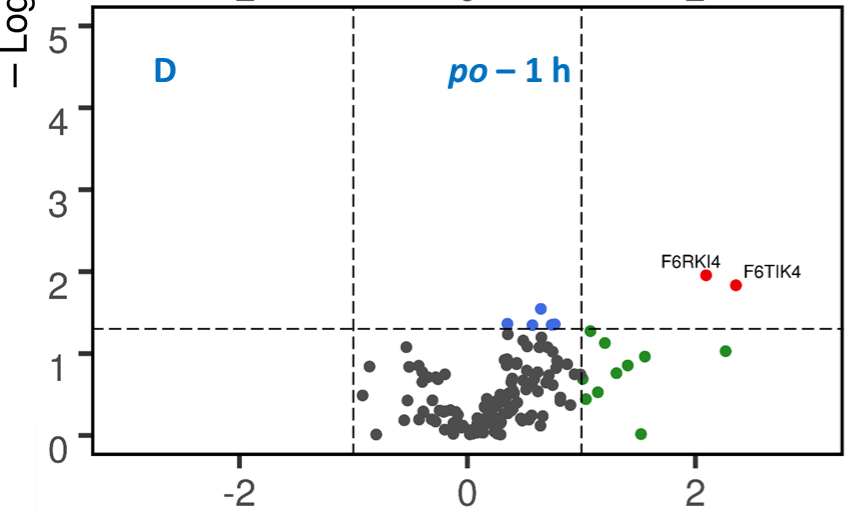
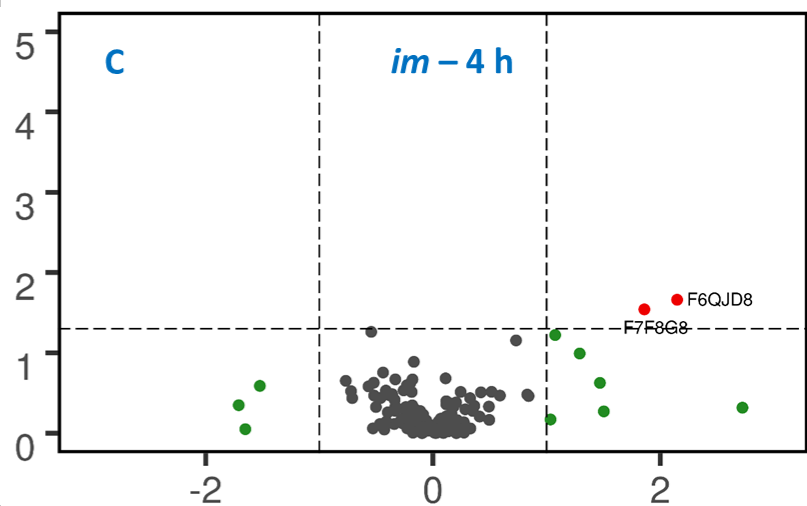
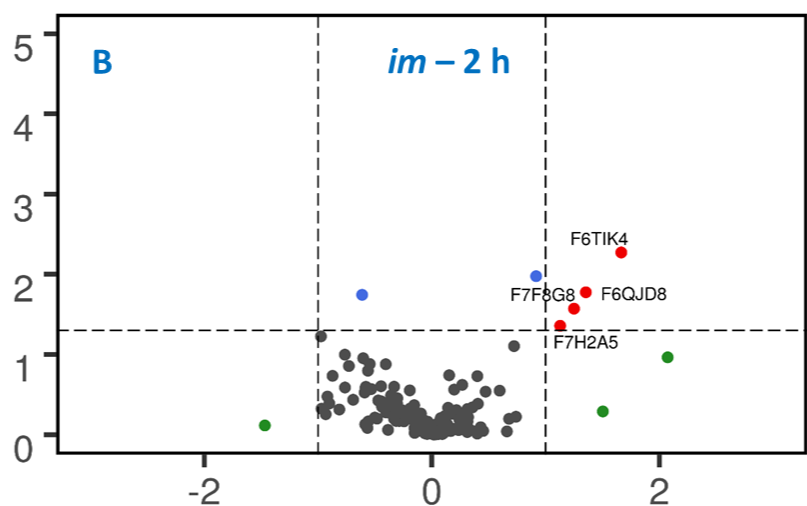
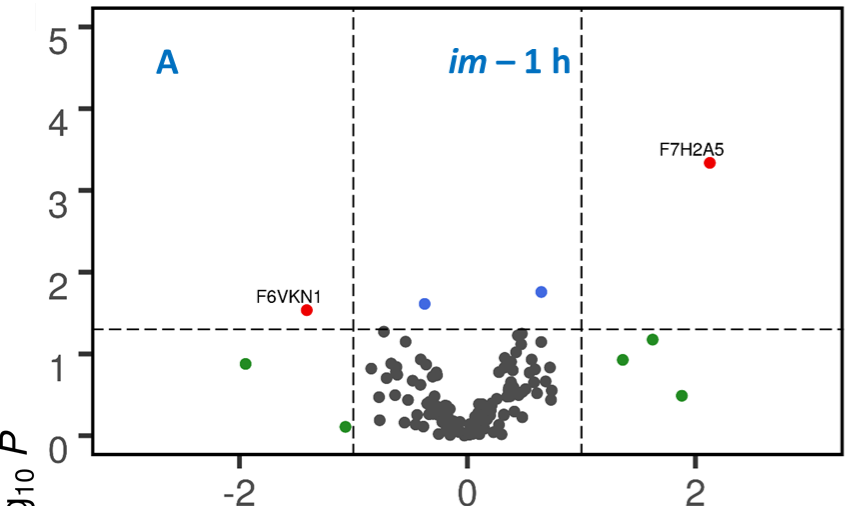
Scores Plot



3. **Supplementary Figure 3.** Volcano plots illustrating significantly dysregulated proteins search results against Rhesus Macaque database that were selected on the basis of fold change (X-axis) and p-value (Y-axis) at one hour (panels A and D), two hours (panels B and E), and four hours post-drug administration (panels C and F) for both routes compared to pre-administration of the drug (t-1d).

# Supplementary Figure 3

● NS ● Log 2 fold-change ● P value ● P value & Log 2 fold-change



$\text{Log}_2$  fold change

4. **Supplementary Figure 4.** Heat map showing longitudinal dysregulations in the levels of selected proteins throughout 14 different time points in both routes of administration for BIO 300, as obtained from searching Rhesus Macaque database.





## Supplementary Tables

- 1. Supplementary Table 1:** contains a list of quantified protein names, their entry identifiers, the corresponding gene names and the length of their canonical sequence as obtained from the human database downloaded on 10/10/2019.
- 2. Supplementary Table 2:** contains a list of quantified proteins names, their entry identifiers, the corresponding gene names and the length of their canonical sequence as obtained from the rhesus macaque database downloaded on 10/11/2019.
- 3. Supplementary Table 3:** encompasses a list of quantified proteins comparing the *im* to *po* routes at each time point.
- 4. Supplementary Table 4:** encompasses a list of quantified proteins comparing the level of proteins as measured at each time point to that measured one hour prior to drug administration for the *im* route.
- 5. Supplementary Table 5:** encompasses a list of quantified proteins comparing the level of proteins as measured at each time point to that measured one hour prior to drug administration for the *po* route.
- 6. Supplementary Table 6:** the overall effect of drug administration on either route on the level of identified proteins. This comparison was established by dividing the protein level at each time point to the measure value one hour prior to drug administration.

Supplementary Table 1. Database match (Homo sapiens)

Entry	Entry name	Status	Protein names	Gene names	Organism	Length
AA052Z25	AA052Z25_HUMAN	unreviewed	Apolipoprotein E isoform 1 (Fragment)	APOE	Homo sapiens (Human)	317
AA024R33	AA024R33_HUMAN	unreviewed	Apolipoprotein A-I, isoform CRA_a (Epididymis secretory sperm binding protein)	APOA1 HCG_41332	Homo sapiens (Human)	267
AA034ME1	AA034ME1_HUMAN	unreviewed	Epididymis secretory sperm binding protein		Homo sapiens (Human)	782
V9HW93	V9HW93_HUMAN	unreviewed	Epididymis secretory protein L122 (Glutathione S-transferase pi, isoform CRA_b)	HEL-5-22 GSTP1 HCG_21055	Homo sapiens (Human)	210
AA040K63	AA040K63_HUMAN	unreviewed	Testis tissue sperm binding protein L170a		Homo sapiens (Human)	418
O94875	SRB52_HUMAN	reviewed	Sorbin and SH3 domain-containing protein 2 (ArgBP2) (Arg/Abi-interacting protein 2) (Sorbin)	SORBS2 ARGBP2 KIAA0777	Homo sapiens (Human)	1100
Q97HY3	Q97HY3_HUMAN	unreviewed	MOXD2 protein	MOXD2	Homo sapiens (Human)	303
R2E781	R2E781_HUMAN	unreviewed	Flotillin-2 (EC 3.4.21.7)	HE2	Homo sapiens (Human)	810
V9HW49	V9HW49_HUMAN	unreviewed	Epididymis secretory sperm binding protein L163p	HEL-5-63p	Homo sapiens (Human)	1663
V9HW58	V9HW58_HUMAN	unreviewed	Epididymis luminal protein 2	HE2	Homo sapiens (Human)	255
AA024R66	AA024R66_HUMAN	unreviewed	Adiponectin C (Complement component 1, q subcomponent, A chain, isoform CRA_a)	CT1QA ADC HCG_198179	Homo sapiens (Human)	245
AA06F0S1	AA06F0S1_HUMAN	unreviewed	Flaminogen (EC 3.4.21.7)	PLG	Homo sapiens (Human)	809
V9HY11	V9HY11_HUMAN	unreviewed	Epididymis secretory sperm binding protein L170p	HEL-5-70p	Homo sapiens (Human)	491
Q9H2E1	Q9H2E1_HUMAN	unreviewed	Neutrophil	NRP1 HCG_19074	Homo sapiens (Human)	704
Q5VY30	Q5VY30_HUMAN	unreviewed	Retinol binding protein	RBP4 HCG_37964	Homo sapiens (Human)	199
E9P7E3	E9P7E3_HUMAN	unreviewed	Prothrombin	F2	Homo sapiens (Human)	585
D9ZG22	D9ZG22_HUMAN	unreviewed	Vitronectin	VTN	Homo sapiens (Human)	478
Q5P099	Q5P099_HUMAN	unreviewed	C2 (Complement component 2, isoform CRA_b)	C2 HCG_43694	Homo sapiens (Human)	752
Q5P091	Q5P091_HUMAN	unreviewed	Aminopeptidase (EC 3.4.11.1) (Fragment)		Homo sapiens (Human)	977
Q8NB86	Q8NB86_HUMAN	unreviewed	Cholesteryl ester transfer protein	CE3P	Homo sapiens (Human)	638
H9BRP9	H9BRP9_HUMAN	unreviewed	Fibulin-1	FBLN1	Homo sapiens (Human)	428
V9HW90	V9HW90_HUMAN	unreviewed	Citronin (Protein)	HEL-5-92a APCS HCG_39427	Homo sapiens (Human)	223
B2RAM6	B2RAM6_HUMAN	unreviewed	Protein S100 (S100 calcium-binding protein)		Homo sapiens (Human)	114
D6A364	D6A364_HUMAN	unreviewed	Hepatic cysteine growth factor activator	HGFAC	Homo sapiens (Human)	662
AA024R90	AA024R90_HUMAN	unreviewed	Thrombospondin 1, isoform CRA_a	THBS1 HCG_178710	Homo sapiens (Human)	1170
D0PN11	D0PN11_HUMAN	unreviewed	Epididymis luminal protein 4 (Epididymis secretory protein L193) (Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide, isoform CRA_a)	YWH4Z HEL-5-3 HEL-5-93 HEL4 HCG_2099146	Homo sapiens (Human)	245
Q9NYF3	FAM5C_HUMAN	reviewed	Protein FAM5C	FAM5C C5orf5	Homo sapiens (Human)	392
V9WE33	V9WE33_HUMAN	unreviewed	Carbonic anhydrase 1, isoform CRA_a (Epididymis secretory protein L111) (Epididymis secretory sperm binding protein)	HEL-5-11 CA1 HCG_20883	Homo sapiens (Human)	291
C9EJ53	C9EJ53_HUMAN	unreviewed	Fibrinogen gamma chain	FGG	Homo sapiens (Human)	445
M6Z298	M6Z298_HUMAN	unreviewed	N-acetylmuramidase 2L-variant (Fragment)	PGLYR2P	Homo sapiens (Human)	447
AA040K63	AA040K63_HUMAN	unreviewed	Alpha-2-macroglobulin	SERPINF2	Homo sapiens (Human)	427
AA040MR7	AA040MR7_HUMAN	unreviewed	Coagulation factor V	F5	Homo sapiens (Human)	2229
B0TFC4	B0TFC4_HUMAN	unreviewed	Vitamin K-dependent protein Z variant 1	PROZ	Homo sapiens (Human)	421
E3UN46	E3UN46_HUMAN	unreviewed	Insulin-like growth factor II transcript variant 3 isoform 1 (Fragment)	IGF2	Homo sapiens (Human)	109
P748Z2	P748Z2_HUMAN	unreviewed	Inter-alpha-trypsin inhibitor (Fragment)	ITIH	Homo sapiens (Human)	51
B4E3P1	B4E3P1_HUMAN	unreviewed	cDNA FLJ5708, highly similar to Homo sapiens serpinovitin 2 (beta) (TPM2), transcript variant 2, mRNA		Homo sapiens (Human)	51
Q96K68	Q96K68_HUMAN	unreviewed	cDNA FLJ14473, clone MAMMA1001080, highly similar to Homo sapiens SMC73 protein (SMC73) mRNA		Homo sapiens (Human)	494
D1V411	D1V411_HUMAN	unreviewed	C-X-C motif chemokine (Fragment)		Homo sapiens (Human)	126
B4RY10	B4RY10_HUMAN	unreviewed	cDNA FLJ5470, highly similar to Keratin, type II cytoskeletal 4E		Homo sapiens (Human)	547
ASPL27	ASPL27_HUMAN	unreviewed	CP protein (Cephalopodin (Ferroxidase) (Cephalopodin, isoform CRA_a))	CP HCG_1781201	Homo sapiens (Human)	1065
Q5H177	Q5H177_HUMAN	unreviewed	Calmodulin-like skin protein variant (Fragment)		Homo sapiens (Human)	146
B4E1C2	B4E1C2_HUMAN	unreviewed	Kinasee 1, isoform CRA_b (cDNA FLJ5506, highly similar to Kinasee 1)	KNK1 HCG_2031397	Homo sapiens (Human)	644
V9HW58	V9HW58_HUMAN	unreviewed	Gluathione peroxidase	HEL-5-75 GPX5 HCG_22448	Homo sapiens (Human)	221
AA040P95	AA040P95_HUMAN	unreviewed	Alpha-2-macroglobulin (Fragment)	SERPINF2	Homo sapiens (Human)	255
B4E1C7	B4E1C7_HUMAN	unreviewed	Protein kinase (EC 2.7.1.40)		Homo sapiens (Human)	511
AA040Z45	AA040Z45_HUMAN	unreviewed	Complement factor properdin isoform 1 (Complement factor properdin, isoform CRA_d) (Fragment)	CFP HCG_29138	Homo sapiens (Human)	469
H9WR11	H9WR11_HUMAN	unreviewed	Keratin 1	KRT1	Homo sapiens (Human)	465
F8W876	F8W876_HUMAN	unreviewed	Mannan-binding lectin serine protease 1	MASP1	Homo sapiens (Human)	354
B7Z555	B7Z555_HUMAN	unreviewed	cDNA FLJ5511, highly similar to C Complement component C8 beta chain		Homo sapiens (Human)	539
AA034MD5	AA034MD5_HUMAN	unreviewed	Epididymis secretory sperm binding protein		Homo sapiens (Human)	539
Q8VC09	Q8VC09_HUMAN	unreviewed	Serpin peptidase inhibitor, clade D (Heparin cofactor), member 1	SERPIND1	Homo sapiens (Human)	499
L6D0R7	L6D0R7_NE001	unreviewed	Fermitin family member 3 (Fragment)	F5H1C6	Neovision vision (American mink) (Mustela vison)	150
L6D0R2	L6D0R2_NE001	unreviewed	Cysteine knot domain family 3, member H (Fragment)	PROZP2	Neovision vision (American mink) (Mustela vison)	127
B3K579	B3K579_HUMAN	unreviewed	cDNA FLJ5750, clone TST200311, highly similar to ALPHA-1-ANTICHERYMOYRIN		Homo sapiens (Human)	448
C0FY22	C0FY22_HUMAN	unreviewed	Apolipoprotein B (beta) (beta) (apolipoprotein, isoform CRA_a)	APOB HCG_20088	Homo sapiens (Human)	9363
AA040MR9	AA040MR9_HUMAN	unreviewed	Serpin peptidase inhibitor, clade A (alpha-1 antitrypsin, antitrypsin, member 5, isoform CRA_a)	SERPINA5 HCG_203091	Homo sapiens (Human)	496
A2RTV6	A2RTV6_HUMAN	unreviewed	Inter-alpha (Gly) inhibitor H2 (inter-alpha (Gly) inhibitor H2, isoform CRA_b)	TIH2 HCG_25115	Homo sapiens (Human)	940
D6F054	D6F054_HUMAN	unreviewed	Complement C1s subcomponent subunit B	C1QB	Homo sapiens (Human)	251
AA040ZP0	AA040ZP0_HUMAN	unreviewed	Complement C1s	C1A	Homo sapiens (Human)	1744
G3V2W1	G3V2W1_HUMAN	unreviewed	Protein Z-dependent protease inhibitor (Serpin peptidase inhibitor, clade A (Alpha-1 antitrypsin, antitrypsin), member 10, isoform CRA_SERPINA10 HCG_22331)		Homo sapiens (Human)	484
E2Z3V1	E2Z3V1_HUMAN	unreviewed	Capsase 14, apoptosis-related cysteine peptidase (Capsase-14) (cDNA, FLJ3644, Homo sapiens capspase 14, apoptosis-related cysteine peptidase) (CAPS14 HCG_38589)		Homo sapiens (Human)	242
S4RY14	S4RY14_HUMAN	unreviewed	Protein AMBP	AMBP	Homo sapiens (Human)	238
B1AP58	B1AP58_HUMAN	unreviewed	Carboxypeptidase N catalytic chain (Fragment)	CPN1	Homo sapiens (Human)	204
AA040RA7	AA040RA7_HUMAN	unreviewed	Adiponectin B (Complement component 1, q subcomponent, C chain, isoform CRA_a)	CT1QC ADB HCG_3037016	Homo sapiens (Human)	127
IL145	IL145_HUMAN	unreviewed	Sex hormone-binding globulin (Sex hormone-binding globulin, isoform CRA_a)	SHBG HCG_42018	Homo sapiens (Human)	344
D1P0P0	D1P0P0_HUMAN	unreviewed	Titin, isoform CRA_a	TTN HCG_206899	Homo sapiens (Human)	3642
R2AN22	R2AN22_HUMAN	unreviewed	cDNA, FLJ5914, highly similar to Homo sapiens vav1 1 (VAVN1), mRNA		Homo sapiens (Human)	511
E9PFR0	E9PFR0_HUMAN	unreviewed	Totenectin	CLEC3B	Homo sapiens (Human)	160
AKK1K1	AKK1K1_HUMAN	unreviewed	cDNA FLJ5532, highly similar to Homo sapiens carnosine dipeptidase 1 (metallopeptidase MD0 family) (ACNDP1), mRNA		Homo sapiens (Human)	507
AA040VJ7	AA040VJ7_HUMAN	unreviewed	Testicular tissue protein L1 (t1)		Homo sapiens (Human)	540
Q5P8P2	Q5P8P2_HUMAN	unreviewed	Angiotensinogen variant (Fragment)		Homo sapiens (Human)	491
S4E1T1	S4E1T1_HUMAN	unreviewed	Protein AMBP (Fragment)	AMBP	Homo sapiens (Human)	103
JK000	JK000_HUMAN	unreviewed	PEPD protein	PEPD	Homo sapiens (Human)	493
H9YAC1	H9YAC1_HUMAN	unreviewed	Plasma kallikrein (Fragment)	KLK10	Homo sapiens (Human)	298
Q5R875	Q5R875_HUMAN	unreviewed	GLI3 gamma form	GLI3	Homo sapiens (Human)	117
AA040VX0	AA040VX0_HUMAN	unreviewed	Testicular tissue protein L1227		Homo sapiens (Human)	686
AA040ZLH4	AA040ZLH4_HUMAN	unreviewed	Contextonin-binding globulin		Homo sapiens (Human)	405
Q5T326	Q5T326_HUMAN	unreviewed	Alpha-amylase (EC 3.1.1.1) (Fragment)		Homo sapiens (Human)	511
B7Z549	B7Z549_HUMAN	unreviewed	cDNA FLJ56821, highly similar to later-alpha-trypsin inhibitor heavy chain III		Homo sapiens (Human)	677
X6D9P6	X6D9P6_HUMAN	unreviewed	Transglutinin-2 (Fragment)	TAGLN2	Homo sapiens (Human)	187
B4DVE1	B4DVE1_HUMAN	unreviewed	cDNA FLJ5470, highly similar to Galactose-3-binding protein		Homo sapiens (Human)	673
B4DZ56	B4DZ56_HUMAN	unreviewed	cDNA FLJ5841, highly similar to Ataxin		Homo sapiens (Human)	1156
B7ZK28	B7ZK28_HUMAN	unreviewed	TIH4 protein (inter-alpha-trypsin inhibitor heavy chain 14)	TIH4	Homo sapiens (Human)	935
Q9N1N6	Q9N1N6_HUMAN	unreviewed	Hemoglobin gamma-G (Fragment)	HBG2	Homo sapiens (Human)	129
Q5V1E7	Q5V1E7_HUMAN	unreviewed	Coagulation factor X (Coagulation factor X, isoform CRA_a) (cDNA, FLJ3415, Homo sapiens coagulation factor X (F10), mRNA)	F10 HCG_27879	Homo sapiens (Human)	488
AA040R05	AA040R05_HUMAN	unreviewed	Complement component 9, isoform CRA_a	C9 HCG_37544	Homo sapiens (Human)	2715
F9W06	F9W06_HUMAN	unreviewed	Nucleosome assembly protein 1-like 1	NAP1L1	Homo sapiens (Human)	559
JKP41	JKP41_HUMAN	unreviewed	Cysteine-rich secretory protein 3	CRISP3	Homo sapiens (Human)	276
Q5K6G6	Q5K6G6_HUMAN	unreviewed	Beta actin variant (Fragment)		Homo sapiens (Human)	375
V9HW68	V9HW68_HUMAN	unreviewed	Epididymis luminal protein 214	HEL-214	Homo sapiens (Human)	470
AA087XJ7	AA087XJ7_HUMAN	unreviewed	Keratin 14 (Epididymis/bulla simplex, Dowling-Mears, Koebner), isoform CRA_a	GPX3	Homo sapiens (Human)	229
AA040R16	AA040R16_HUMAN	unreviewed	QSOX1 protein (Fragment)	KRT14AC1_205483	Homo sapiens (Human)	261
Q4E1E9	Q4E1E9_HUMAN	unreviewed	DSP variant protein (Fragment)	DSP variant protein	Homo sapiens (Human)	2319
Q5J2D6	Q5J2D6_HUMAN	unreviewed	Transferrin variant (Fragment)		Homo sapiens (Human)	698
AA024RBD1	AA024RBD1_HUMAN	unreviewed	Auaustrinase III isoform		Homo sapiens (Human)	95
Q13784	Q13784_HUMAN	unreviewed	APOA4 protein (Fragment)	AT1H R2	Homo sapiens (Human)	244
F5H1C6	F5H1C6_HUMAN	unreviewed	Fermitin family homolog 3 (Fragment)	F5H1C6	Homo sapiens (Human)	286
C9V7T7	C9V7T7_HUMAN	unreviewed	Alpha-2-HS-glycoprotein	AHS2	Homo sapiens (Human)	986
Q9UE17	Q9UE17_HUMAN	unreviewed	Amine oxidase (EC 1.4.3.1) (Fragment)		Homo sapiens (Human)	64
IL1E39	IL1E39_HUMAN	unreviewed	Profilin (Fragment)	PFN1	Homo sapiens (Human)	165
B0TWK2	B0TWK2_HUMAN	unreviewed	Apolipoprotein C-III (Apolipoprotein C-III variant 1)	APOC3	Homo sapiens (Human)	117
D9WP99	D9WP99_HUMAN	unreviewed	Beta-2-glycoprotein 1 (Fragment)		Homo sapiens (Human)	326
E7SD86	E7SD86_HUMAN	unreviewed	Vitamin K-dependent protein C	PROC	Homo sapiens (Human)	495
FK068	FK068_HUMAN	unreviewed	Hemoglobin (Fragment)	HP	Homo sapiens (Human)	494
Q04GZ2	Q04GZ2_HUMAN	unreviewed	Urchin-associated protein DKFZp680B0562 (Fragment)	DKFZp680B0562	Homo sapiens (Human)	321
AK8G24	AK8G24_HUMAN	unreviewed	cDNA FLJ7071, highly similar to Human MRC class III complement component C6 mRNA		Homo sapiens (Human)	504
H9YD6	H9YD6_HUMAN	unreviewed	Keratin, type II cytoskeletal 79 (Fragment)	KRT79	Homo sapiens (Human)	119
A09071	A09071_HUMAN	unreviewed	Delta globin (Delta-globin chain) (Glycyl A2) (Hemoglobin delta) (Hemoglobin, delta)	HBB GLNA2 HCG_1641001	Homo sapiens (Human)	147
Q9S1F9	Q9S1F9_HUMAN	unreviewed	Epididymis secretory sperm binding protein (EPX protein) (Hemopexin)	HPX	Homo sapiens (Human)	254
Q5SGN8	Q5SGN8_HUMAN	unreviewed	Macrophage stimulating 1 (Hepatic cysteine growth factor-like) variant (Fragment)		Homo sapiens (Human)	711
Q6L4N8	Q6L4N8_HUMAN	unreviewed	Collyrin type 1 alpha 1 (Fragment)	COL1A1	Homo sapiens (Human)	1099
B4PQD	B4PQD_HUMAN	unreviewed	Complement C1s subcomponent (cDNA FLJ5471, highly similar to Complement C1s subcomponent)	C1S	Homo sapiens (Human)	719
Q9CY22	Q9CY22_HUMAN	unreviewed	C8A protein (Fragment)	C8A	Homo sapiens (Human)	394
E7Q364	E7Q364_HUMAN	unreviewed	Typosin-1	PSS1	Homo sapiens (Human)	261
AA040JHF1	AA040JHF1_HUMAN	unreviewed	Mean serpin family A member 7		Homo sapiens (Human)	415
V9HWF6	V9HWF6_HUMAN	unreviewed	Alpha-1-actin glycoprotein	HEL-5-15w	Homo sapiens (Human)	203
Q8YAT0	Q8YAT0_HUMAN	unreviewed	Insulin-like growth factor binding protein, acid labile subunit	IGFBP5	Homo sapiens (Human)	615
R2E771	R2E771_HUMAN	unreviewed	cDNA, FLJ5312, highly similar to Homo sapiens adipose most abundant gene transcript 1 (APM1), mRNA		Homo sapiens (Human)	244
E9KL23	E9KL23_HUMAN	unreviewed	Epididymis secretory sperm binding protein L144a (Serpin peptidase inhibitor clade A member 1 isoform 1)	SERPINA1	Homo sapiens (Human)	418
R3XN90	R3XN90_HUMAN	unreviewed	cDNA FLJ5621, clone CTG02201801, highly similar to Complement C1s subcomponent		Homo sapiens (Human)	688
D1DNN4	D1DNN4_HUMAN	unreviewed	Carboxylester hydrolase (EC 3.1.1.-)	BCHE HCG_14822	Homo sapiens (Human)	643
F2RM45	F2RM45_HUMAN	unreviewed	Serine protease	factor IX F9	Homo sapiens (Human)	461
B4E9H4	B4E9H4_HUMAN	unreviewed	cDNA FLJ5878, highly similar to Flaminogen		Homo sapiens (Human)	407
F8W7L3	F8W7L3_HUMAN	unreviewed	Alpha-2-macroglobulin (Fragment)	AM2	Homo sapiens (Human)	168
R2R88	R2R88_HUMAN	unreviewed	Monocyte differentiation antigen CD14 (Myeloid cell-specific locus-rich glycoprotein)	CD14	Homo sapiens (Human)	375
AA040R14	AA040R14_HUMAN	unreviewed	Conasin 1, isoform CRA_a	CNTN1 HCG_3261	Homo sapiens (Human)	1018
R2B815	R2B815_HUMAN	unreviewed	cDNA, FLJ2695, highly similar to Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antitrypsin, antitrypsin), member 4		Homo sapiens (Human)	427
F8V5V7	F8V5V7_HUMAN	unreviewed	(SERPINA4), mRNA	KRT5	Homo sapiens (Human)	132
AA087W55	AA087W55_HUMAN	unreviewed	Keratin, type II cytoskeletal 5 (Fragment)	CPB2	Homo sapiens (Human)	386
B7Z525	B7Z525_HUMAN	unreviewed	cDNA FLJ5672, highly similar to Human serpin adipose most abundant gene transcript 2		Homo sapiens (Human)	280
Q5K6S8	Q5K6S8_HUMAN	unreviewed	Complement component 5 variant (Fragment)		Homo sapiens (Human)	1006
AA03B866	AA03B866_HUMAN	unreviewed	Coagulation factor XIII B chain (Fragment)	F13B	Homo sapiens (Human)	246
Q5E4E3	Q5E4E3_HUMAN	unreviewed	Cathelin 5, type 2 (preproprotein variant (Fragment))		Homo sapiens (Human)	407
B3KT06	B3KT06_HUMAN	unreviewed	Tubulin alpha chain	PGA	Homo sapiens (Human)	416

Supplementary Table 2. Database match (Macaca mulatta)

Entry	Entry name	Status	Protein names	Gene names	Organism	Length
Q5NKV6	ICAM1_MACMU	reviewed	Intercellular adhesion molecule 1 (ICAM-1) (CD antigen CD54)	ICAM1	Macaca mulatta (Rhesus macaque)	532
DC3L7	DC3L7_MACMU	unreviewed	Apolipoprotein E	APBIE	Macaca mulatta (Rhesus macaque)	317
F0WY22	F0WY22_MACMU	unreviewed	Uncharacterized protein	THRS1	Macaca mulatta (Rhesus macaque)	1173
AA1D180B8	AA1D180B8_MACMU	unreviewed	Angiotensin-converting enzyme (EC 3.4.-.)	ACE	Macaca mulatta (Rhesus macaque)	1307
F1P21	F1P21_MACMU	unreviewed	Uncharacterized protein	GSN	Macaca mulatta (Rhesus macaque)	784
O1092	CYTC_MACMU	reviewed	Cytosin C (Cytosin-3)	CST3	Macaca mulatta (Rhesus macaque)	146
F6ZL5	F6ZL5_MACMU	unreviewed	Uncharacterized protein	HRG	Macaca mulatta (Rhesus macaque)	525
F0W79	F0W79_MACMU	unreviewed	Uncharacterized protein	C3	Macaca mulatta (Rhesus macaque)	1663
F1B88	F1B88_MACMU	unreviewed	Transferrin	TF	Macaca mulatta (Rhesus macaque)	698
F0LZ0	F0LZ0_MACMU	unreviewed	Fibrinogen alpha chain	FGA	Macaca mulatta (Rhesus macaque)	876
F1D33	F1D33_MACMU	unreviewed	SERPIN domain-containing protein	SERPINF2	Macaca mulatta (Rhesus macaque)	555
F1E45	F1E45_MACMU	unreviewed	Profilin	PFN1	Macaca mulatta (Rhesus macaque)	140
F0PL7	F0PL7_MACMU	unreviewed	Fibulin-1	FBLN1	Macaca mulatta (Rhesus macaque)	661
F1D07	F1D07_MACMU	unreviewed	Uncharacterized protein	CDH5	Macaca mulatta (Rhesus macaque)	785
F0Y64	F0Y64_MACMU	unreviewed	Hemopexin	HPS	Macaca mulatta (Rhesus macaque)	462
AA1D18Q25	AA1D18Q25_MACMU	unreviewed	Uncharacterized protein	CDH1	Macaca mulatta (Rhesus macaque)	882
F1HQ1	F1HQ1_MACMU	unreviewed	Pemisin (Pyransin)	CRF_EGK_01483	Macaca mulatta (Rhesus macaque)	224
F1R05	F1R05_MACMU	unreviewed	Zn_2pep_PPC domain-containing protein	GFLD1	Macaca mulatta (Rhesus macaque)	858
A0N064	A0N064_MACMU	unreviewed	Prothrombin (EC 3.4.21.5) (Coagulation factor II)	F2	Macaca mulatta (Rhesus macaque)	627
F1P72	F1P72_MACMU	unreviewed	Uncharacterized protein	F12	Macaca mulatta (Rhesus macaque)	615
F1H19	F1H19_MACMU	unreviewed	Pomocin (Pomocin)	APCS	Macaca mulatta (Rhesus macaque)	223
F1H16	F1H16_MACMU	unreviewed	Uncharacterized protein	VCL	Macaca mulatta (Rhesus macaque)	1134
F0L309	F0L309_MACMU	unreviewed	Uncharacterized protein	APBH	Macaca mulatta (Rhesus macaque)	336
H9YLD6	H9YLD6_MACMU	unreviewed	L-selectin	SELL	Macaca mulatta (Rhesus macaque)	385
F0W5G1	F0W5G1_MACMU	unreviewed	Uncharacterized protein	CETP	Macaca mulatta (Rhesus macaque)	519
F1R09	F1R09_MACMU	unreviewed	Superoxide dismutase [Cu-Zn] (EC 1.15.1.1)	SOD3	Macaca mulatta (Rhesus macaque)	240
F0S09	F0S09_MACMU	unreviewed	MACEP domain-containing protein	CSA	Macaca mulatta (Rhesus macaque)	584
AA1D18Q70	AA1D18Q70_MACMU	unreviewed	Uncharacterized protein	ITIH4	Macaca mulatta (Rhesus macaque)	936
F1R12	F1R12_MACMU	unreviewed	MACEP domain-containing protein	C9	Macaca mulatta (Rhesus macaque)	561
AA1D18Q77	AA1D18Q77_MACMU	unreviewed	Uncharacterized protein	KLKB1	Macaca mulatta (Rhesus macaque)	635
F1R09	F1R09_MACMU	unreviewed	SERPIN domain-containing protein	SERPINA6	Macaca mulatta (Rhesus macaque)	404
F0L26	F0L26_MACMU	unreviewed	Uncharacterized protein	RGRP9	Macaca mulatta (Rhesus macaque)	297
AA1D18Q86	AA1D18Q86_MACMU	unreviewed	Lipocalin cytosolic, FA_101_dom domain-containing protein	CSG	Macaca mulatta (Rhesus macaque)	202
H9FXZ3	H9FXZ3_MACMU	unreviewed	Carboxylester hydrolase (EC 3.1.1.-)	BCHIE	Macaca mulatta (Rhesus macaque)	602
H9R44	H9R44_MACMU	unreviewed	Uncharacterized protein	GC_EGK_13808	Macaca mulatta (Rhesus macaque)	490
F0S32	F0S32_MACMU	unreviewed	SERPIN domain-containing protein	SERPINA3_EGK_18506	Macaca mulatta (Rhesus macaque)	448
F1R08	F1R08_MACMU	unreviewed	Protein S100 (S100 calcium-binding protein)	S100A9_EGK_01322	Macaca mulatta (Rhesus macaque)	114
F1R76	F1R76_MACMU	unreviewed	Cyokeratin-1	KRT1_EGK_05885	Macaca mulatta (Rhesus macaque)	636
F1E44	F1E44_MACMU	unreviewed	Chitinase-3 like protein 1	CHL1	Macaca mulatta (Rhesus macaque)	383
F1A81	F1A81_MACMU	unreviewed	Globin A1 (Hemoglobin beta chain) (Hemoglobin subunit beta)	HBB_GLNA1_EGK_06585	Macaca mulatta (Rhesus macaque)	147
F0AC5	F0AC5_MACMU	unreviewed	Uncharacterized protein	CFHR5	Macaca mulatta (Rhesus macaque)	577
F1P09	F1P09_MACMU	unreviewed	Lipocalin cytosolic, FA_101_dom domain-containing protein	OKMI	Macaca mulatta (Rhesus macaque)	214
F0X48	F0X48_MACMU	unreviewed	Uncharacterized protein	ATRN	Macaca mulatta (Rhesus macaque)	1383
F1YX9	F1YX9_MACMU	unreviewed	M21_dimer domain-containing protein	CNP1P	Macaca mulatta (Rhesus macaque)	586
AA1D18Q14	AA1D18Q14_MACMU	unreviewed	Uncharacterized protein	IS	Macaca mulatta (Rhesus macaque)	218
F0W3M2	F0W3M2_MACMU	unreviewed	Immunoglobulin heavy constant mu	IGHM	Macaca mulatta (Rhesus macaque)	510
F0R84	F0R84_MACMU	unreviewed	Tranglin	TAGLN2	Macaca mulatta (Rhesus macaque)	226
F1D84	F1D84_MACMU	unreviewed	Uncharacterized protein	C1R	Macaca mulatta (Rhesus macaque)	719
G7N144	G7N144_MACMU	unreviewed	Flavin reductase (Flavin reductase (NADPH))	BLVRB_EGK_10628	Macaca mulatta (Rhesus macaque)	206
F0ZP7	F0ZP7_MACMU	unreviewed	LAM, CL_DOMAIN domain-containing protein	SHBG	Macaca mulatta (Rhesus macaque)	449
H9YEV9	H9YEV9_MACMU	unreviewed	Uncharacterized protein	SHBG	Macaca mulatta (Rhesus macaque)	402
AA1D18Q86	AA1D18Q86_MACMU	unreviewed	Vitamin K-dependent protein C	PROC	Macaca mulatta (Rhesus macaque)	483
F1K86	F1K86_MACMU	unreviewed	SRCR domain-containing protein	LGALS5BP	Macaca mulatta (Rhesus macaque)	653
F1E12	F1E12_MACMU	unreviewed	Uncharacterized protein	TLN1	Macaca mulatta (Rhesus macaque)	253
F0SCP6	F0SCP6_MACMU	unreviewed	C-X-C motif chemokine	PPPB_EGK_15792	Macaca mulatta (Rhesus macaque)	128
F1FHW4	F1FHW4_MACMU	unreviewed	Uncharacterized protein	FN1	Macaca mulatta (Rhesus macaque)	2265
F1F51	F1F51_MACMU	unreviewed	Uncharacterized protein	NAGLU	Macaca mulatta (Rhesus macaque)	615
AA1D18Q88	AA1D18Q88_MACMU	unreviewed	Uncharacterized protein	LOC721200	Macaca mulatta (Rhesus macaque)	1734
F1RFD0	F1RFD0_MACMU	unreviewed	Fibrinogen C-terminal domain-containing protein	FCN2	Macaca mulatta (Rhesus macaque)	288
F0X05	F0X05_MACMU	unreviewed	Heparan sulfate 2	SERPIND1_EGK_02823	Macaca mulatta (Rhesus macaque)	499
AA1D18Q82	AA1D18Q82_MACMU	unreviewed	C-X-C motif chemokine	PF3	Macaca mulatta (Rhesus macaque)	101
F0R05	F0R05_MACMU	unreviewed	Uncharacterized protein	HP	Macaca mulatta (Rhesus macaque)	361
F1R09	F1R09_MACMU	unreviewed	Liposone-associated membrane glycoprotein 2 isoform B	LAMP2	Macaca mulatta (Rhesus macaque)	418
F0VKN1	F0VKN1_MACMU	unreviewed	Antipeptidase (EC 3.4.11.-)	ANPEP	Macaca mulatta (Rhesus macaque)	968
F1H12	F1H12_MACMU	unreviewed	IF-rod domain-containing protein	KRT14	Macaca mulatta (Rhesus macaque)	475
AA1D18R12	AA1D18R12_MACMU	unreviewed	C-type lectin domain-containing protein	MIL2	Macaca mulatta (Rhesus macaque)	215
AA1D18R15	AA1D18R15_MACMU	unreviewed	Uncharacterized protein	VWF	Macaca mulatta (Rhesus macaque)	2824
F1R82	F1R82_MACMU	unreviewed	Serum albumin	ALB	Macaca mulatta (Rhesus macaque)	588
F0W01	F0W01_MACMU	unreviewed	Vitamin K-dependent protein S	PROS1	Macaca mulatta (Rhesus macaque)	676
AA1D18Q00	AA1D18Q00_MACMU	unreviewed	Uncharacterized protein	LOC714514	Macaca mulatta (Rhesus macaque)	1658
F0S22	F0S22_MACMU	unreviewed	Uncharacterized protein	CAIIPA	Macaca mulatta (Rhesus macaque)	598
AA1D18Q71	AA1D18Q71_MACMU	unreviewed	Uncharacterized protein	FETUB	Macaca mulatta (Rhesus macaque)	382
F1AL6	F1AL6_MACMU	unreviewed	Uncharacterized protein	C7	Macaca mulatta (Rhesus macaque)	843
F1E47	F1E47_MACMU	unreviewed	Uncharacterized protein	C1S	Macaca mulatta (Rhesus macaque)	679
F1E23	F1E23_MACMU	unreviewed	C-type lectin domain-containing protein	MBP-A	Macaca mulatta (Rhesus macaque)	249
F1TK4	F1TK4_MACMU	unreviewed	Uncharacterized protein	ACTB	Macaca mulatta (Rhesus macaque)	375
F0YB6	F0YB6_MACMU	unreviewed	SERPIN domain-containing protein	SERPINA5	Macaca mulatta (Rhesus macaque)	172
F1R16	F1R16_MACMU	unreviewed	Uncharacterized protein	CPS2	Macaca mulatta (Rhesus macaque)	545
G7MVP0	G7MVP0_MACMU	unreviewed	SPARC	SPARC_EGK_17045	Macaca mulatta (Rhesus macaque)	303
F0D08	F0D08_MACMU	unreviewed	Insulin-like growth factor 1 isoform 4 preproprotein	IGF1	Macaca mulatta (Rhesus macaque)	153
F1D08	F1D08_MACMU	unreviewed	Uncharacterized protein	TLH2	Macaca mulatta (Rhesus macaque)	946
B3Y88	B3Y88_MACMU	unreviewed	Monocyte differentiation antigen CD14 (Myeloid cell-specific leucine-rich glycoprotein)	CD14	Macaca mulatta (Rhesus macaque)	375
F1R05	F1R05_MACMU	unreviewed	Tetranectin	CLC3B	Macaca mulatta (Rhesus macaque)	202
F1R19	F1R19_MACMU	unreviewed	Uncharacterized protein	HGFAC	Macaca mulatta (Rhesus macaque)	626
AA1D18QX6	AA1D18QX6_MACMU	unreviewed	Protein S100 (S100 calcium-binding protein)	S100A8_EGK_21438	Macaca mulatta (Rhesus macaque)	93
F0R10	F0R10_MACMU	unreviewed	Viologin domain-containing protein	APB9	Macaca mulatta (Rhesus macaque)	4555
F1GHV1	F1GHV1_MACMU	unreviewed	IF-rod domain-containing protein	KRT9	Macaca mulatta (Rhesus macaque)	621
F1FQ0	F1FQ0_MACMU	unreviewed	Ig-like domain-containing protein	AIHG	Macaca mulatta (Rhesus macaque)	1676
F1P16	F1P16_MACMU	unreviewed	MACEP domain-containing protein	C8S	Macaca mulatta (Rhesus macaque)	413
G7NQC3	G7NQC3_MACMU	unreviewed	Hemoglobin alpha chain (Hemoglobin subunit alpha)	HBA2_HBA_EGK_12276	Macaca mulatta (Rhesus macaque)	142
F1RQ3	F1RQ3_MACMU	unreviewed	Peptidase, M14 domain-containing protein	CPB2	Macaca mulatta (Rhesus macaque)	386
F0X04	F0X04_MACMU	unreviewed	Uncharacterized protein	ANBP	Macaca mulatta (Rhesus macaque)	352
F0S85	F0S85_MACMU	unreviewed	Clusterin	CLU	Macaca mulatta (Rhesus macaque)	446
F1RQ1	F1RQ1_MACMU	unreviewed	Fibrinogen C-terminal domain-containing protein	LOC100427524	Macaca mulatta (Rhesus macaque)	312
F1E12	F1E12_MACMU	unreviewed	Uncharacterized protein	IL1E2	Macaca mulatta (Rhesus macaque)	395
F0YK5	F0YK5_MACMU	unreviewed	Uncharacterized protein	C2_EGK_14737	Macaca mulatta (Rhesus macaque)	752
F1R84	F1R84_MACMU	unreviewed	Uncharacterized protein	I9	Macaca mulatta (Rhesus macaque)	461
F1R09	F1R09_MACMU	unreviewed	SERPIN domain-containing protein	SERPINA7	Macaca mulatta (Rhesus macaque)	415
F1GAT4	F1GAT4_MACMU	unreviewed	Uncharacterized protein	ITHB3	Macaca mulatta (Rhesus macaque)	891
F1R09	F1R09_MACMU	unreviewed	Keratan sulfate proteoglycan hemican (Lumican)	LUM_EGK_04848	Macaca mulatta (Rhesus macaque)	338
F1E10	F1E10_MACMU	unreviewed	Complement C1q subcomponent subunit C	C1QC_EGK_00353	Macaca mulatta (Rhesus macaque)	245
F1F46	F1F46_MACMU	unreviewed	SERPIN domain-containing protein	SERPING1	Macaca mulatta (Rhesus macaque)	500
F0YWC2	F0YWC2_MACMU	unreviewed	Uncharacterized protein	C2	Macaca mulatta (Rhesus macaque)	1286
F0L81	F0L81_MACMU	unreviewed	SERPIN domain-containing protein	AGT	Macaca mulatta (Rhesus macaque)	485
F1DL8	F1DL8_MACMU	unreviewed	Uncharacterized protein	POSTN	Macaca mulatta (Rhesus macaque)	772
F1E32	F1E32_MACMU	unreviewed	Uncharacterized protein	FCM1_EGK_01229	Macaca mulatta (Rhesus macaque)	567
F1R04	F1R04_MACMU	unreviewed	Uncharacterized protein	LBP	Macaca mulatta (Rhesus macaque)	481
F1TN9	F1TN9_MACMU	unreviewed	Uncharacterized protein	A2M	Macaca mulatta (Rhesus macaque)	1474
AA1D18Q81	AA1D18Q81_MACMU	unreviewed	Uncharacterized protein	ITIH1	Macaca mulatta (Rhesus macaque)	911
H9F76	H9F76_MACMU	unreviewed	Uncharacterized protein	CFH	Macaca mulatta (Rhesus macaque)	987
F0Y74	F0Y74_MACMU	unreviewed	Uncharacterized protein	GFALS	Macaca mulatta (Rhesus macaque)	652
F0F01	F0F01_MACMU	unreviewed	Uncharacterized protein	FH1	Macaca mulatta (Rhesus macaque)	625
F1R03	F1R03_MACMU	unreviewed	C1q domain-containing protein	ADPPOQ	Macaca mulatta (Rhesus macaque)	249
F0YK7	F0YK7_MACMU	unreviewed	Uncharacterized protein	PGLYRP2	Macaca mulatta (Rhesus macaque)	624
AA1D18Q16	AA1D18Q16_MACMU	unreviewed	Uncharacterized protein	OPR3	Macaca mulatta (Rhesus macaque)	216
F1R09	F1R09_MACMU	unreviewed	Uncharacterized protein	C1RL	Macaca mulatta (Rhesus macaque)	485
F1E55	F1E55_MACMU	unreviewed	SH2T domain-containing protein	CRISP3	Macaca mulatta (Rhesus macaque)	275
AA1D18Q20	AA1D18Q20_MACMU	unreviewed	Transferrin	TFR_EGK_09613	Macaca mulatta (Rhesus macaque)	147
F0S26	F0S26_MACMU	unreviewed	Alpha 1-macroglobin	SERPINA1_EGK_18500	Macaca mulatta (Rhesus macaque)	418
F1R02	F1R02_MACMU	unreviewed	Uncharacterized protein	C9	Macaca mulatta (Rhesus macaque)	934
F1A47	F1A47_MACMU	unreviewed	Uncharacterized protein	AFM	Macaca mulatta (Rhesus macaque)	599
H9Y19	H9Y19_MACMU	unreviewed	Retroviral-binding protein	RBP4	Macaca mulatta (Rhesus macaque)	201
F1A89	F1A89_MACMU	unreviewed	Cyokeratin 2e	KRT2_EGK_03684	Macaca mulatta (Rhesus macaque)	641
F0W75	F0W75_MACMU	unreviewed	Mannan binding lectin serine peptidase 2	MASP2	Macaca mulatta (Rhesus macaque)	686
F1R41	F1R41_MACMU	unreviewed	Uncharacterized protein	MASP1	Macaca mulatta (Rhesus macaque)	723
F0Z17	F0Z17_MACMU	unreviewed	Uncharacterized protein	AHS0	Macaca mulatta (Rhesus macaque)	367
F0S43	F0S43_MACMU	unreviewed	Uncharacterized protein	KNIG1_EGK_12191	Macaca mulatta (Rhesus macaque)	644
F0S17	F0S17_MACMU	unreviewed	Uncharacterized protein	PROZ	Macaca mulatta (Rhesus macaque)	422
F1H21	F1H21_MACMU	unreviewed	Coagulation factor X, preproprotein	F10	Macaca mulatta (Rhesus macaque)	488
F1R10	F1R10_MACMU	unreviewed	SERPIN domain-containing protein	SERPINA10	Macaca mulatta (Rhesus macaque)	471
F1R09	F1R09_MACMU	unreviewed	Uncharacterized protein	APCS2	Macaca mulatta (Rhesus macaque)	117
F0Z15	F0Z15_MACMU	unreviewed	Peptidase S1 domain-containing protein	LOC709274	Macaca mulatta (Rhesus macaque)	340
F0YW9	F0YW9_MACMU	unreviewed	Ig-like domain-containing protein	AZPPI	Macaca mulatta (Rhesus macaque)	298
F1R16	F1R16_MACMU	unreviewed	Uncharacterized protein	CF	Macaca mulatta (Rhesus macaque)	1090
AA1D18Q18	AA1D18Q18_MACMU	unreviewed	Uncharacterized protein	CFI	Macaca mulatta (Rhesus macaque)	590
F1R16	F1R16_MACMU	unreviewed	LRRCT domain-containing protein	LRC1	Macaca mulatta (Rhesus macaque)	383
AA1D18Q27	AA1D18Q27_MACMU	unreviewed	Uncharacterized protein	LOC10696991	Macaca mulatta (Rhesus macaque)	222
F1C91	F1C91_MACMU	unreviewed	Plasminogen (EC 3.4.21.7)	PLG	Macaca mulatta (Rhesus macaque)	810
AA1D18Q10	AA1D18Q10_MACMU	unreviewed	Amino oxidase (EC 1.4.3.-)	LOC708853	Macaca mulatta (Rhesus macaque)	752
F0R02	F0R02_MACMU	unreviewed	SERPIN domain-containing protein	SERPINF1	Macaca mulatta (Rhesus macaque)	418
F0Y09	F0Y09_MACMU	unreviewed	Uncharacterized protein	SERPINC1	Macaca mulatta (Rhesus macaque)	464
F0S80	F0S80_MACMU	unreviewed	Fructose-bisphosphate aldolase (EC 4.1.2.13)	ALDOA	Macaca mulatta (Rhesus macaque)	355
F0Z09	F0Z09_MACMU	unreviewed	Uncharacterized protein	MYH1	Macaca mulatta (Rhesus macaque)	1919
F1P18	F1P18_MACMU	unreviewed	Apolipoprotein(a)	LPA	Macaca mulatta (Rhesus macaque)	1636
AA1D18Q45	AA1D18Q45_MACMU	unreviewed	Uncharacterized protein	P2P	Macaca mulatta (Rhesus macaque)	1483
F1R07	F1R07_MACMU	unreviewed	IF-rod domain-containing protein	KRT10	Macaca mulatta (Rhesus macaque)	566
F0S89	F0S89_MACMU	unreviewed	Uncharacterized protein	VTN	Macaca mulatta (Rhesus macaque)	448
F1R84	F1R84_MACMU	unreviewed	Uncharacterized protein	CHL1	Macaca mulatta (Rhesus macaque)	1169
F1D45	F1D45_MACMU	unreviewed	Uncharacterized protein	HABP2	Macaca mulatta (Rhesus macaque)	560
F1D10	F1D10_MACMU	unreviewed	Tubulin alpha chain	TUBA1B	Macaca mulatta (Rhesus macaque)	386
F1R06	F1R06_MACMU	unreviewed	Apolipoprotein A4	AP0A4	Macaca mulatta (Rhesus macaque)	411







Supplementary Table 5.

Uniprot Symbol	0.25 h/Pre		0.5 h/Pre		1 h/Pre		2 h/Pre		4 h/Pre		8 h/Pre		16 h/Pre		1 d/Pre		2 d/Pre		3 d/Pre		7 d/Pre		14 d/Pre		21 d/Pre							
	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR						
B4BP1	1.69E-02	0.26	1.10E-02	2.79	4.31E-02	2.79	4.31E-02	1.61	6.92E-02	2.33	1.23E-02	1.37	5.44E-02	1.37	1.47E-01	0.82	1.70E-01	0.43	9.47E-01	0.53	9.94E-01	0.53	9.94E-01	0.16	6.98E-01	0.16	6.98E-01	0.00				
MGHP6	1.57E-01	0.29	2.90	2.60E-03	3.22	2.16E-03	3.21	2.14E-01	1.88	7.27E-03	1.88	7.27E-03	1.72	7.29E-01	0.41	4.42E-01	0.20	7.69E-02	0.93	8.42E-01	0.17	2.98E-01	1.28	8.35E-02	0.91	4.31E-01	0.77					
TLJ35	7.27E-02	0.28	1.20	4.00E-01	1.10	9.37E-01	1.10	9.37E-01	2.51	5.77E-02	2.51	5.77E-02	1.11	6.32E-01	0.19	3.18E-01	0.19	3.18E-01	0.20	5.12E-02	0.20	5.12E-02	0.52	7.65E-02	0.52	7.65E-02	0.22					
D0NN1	7.37E-01	0.52	2.56E-02	2.12	4.96E-02	0.70	5.62E-01	0.97	9.38E-01	0.30	2.01E-01	0.63	3.40E-02	0.45	3.40E-02	1.22	2.56E-01	0.69	1.08E-01	0.48	1.76E-01	0.48	1.76E-01	0.48	5.95E-01	0.48	5.95E-01	0.01				
Q53G6	1.28E-02	0.25	2.73	7.94E-02	2.23	2.20E-02	2.23	2.20E-02	2.58	3.32E-02	2.10	4.37E-02	1.24	6.66E-03	1.96	5.13E-01	0.33	4.62E-02	0.96	5.06E-01	0.17	1.73E-01	0.58	7.33E-02	0.66	5.15E-01	0.66	5.15E-01	0.46			
F2M35	9.70E-02	0.26	0.56	3.94E-01	0.26	1.37E-01	0.26	1.37E-01	0.45	2.81E-01	0.45	2.81E-01	0.27	9.79E-01	0.11	6.59E-01	0.11	6.59E-01	0.26	1.72E-01	0.26	1.72E-01	0.79	4.29E-02	0.44	6.29E-02	0.44	6.29E-02	0.27			
B4BRV0	9.23E-02	0.28	0.57	5.75E-02	4.64	1.33E-01	4.64	1.33E-01	1.18	1.58E-01	1.18	1.58E-01	0.76	7.43E-03	1.36	3.65E-02	0.57	3.59E-02	0.67	5.54E-01	0.67	5.54E-01	0.58	8.84E-02	0.58	8.84E-02	0.21					
Q52H26	5.73E-02	0.25	1.84	2.49E-01	0.55	2.33E-01	0.55	2.33E-01	0.63	0.77E-01	0.63	0.77E-01	0.47	3.47E-01	0.54	3.27E-01	0.29	3.06E-01	0.42	1.76E-01	0.42	1.76E-01	0.88	9.68E-01	0.88	9.68E-01	0.33	4.17E-01	0.43			
RT-Cal protein	4.90E-01	0.07	4.19E-01	0.08	5.39E-01	0.07	6.17E-01	0.06	7.99E-01	0.07	9.01E-01	0.06	7.99E-01	0.06	7.99E-01	0.06	7.99E-01	0.06	7.99E-01	0.06	7.99E-01	0.06	7.99E-01	0.06	7.99E-01	0.06	7.99E-01	0.06	7.99E-01	0.06		
ADA052Z3D5	9.76E-02	0.25	0.73	3.17E-01	0.25	3.17E-01	0.25	3.17E-01	0.15	4.03E-02	0.15	4.03E-02	0.15	4.03E-02	0.15	4.03E-02	0.15	4.03E-02	0.15	4.03E-02	0.15	4.03E-02	0.15	4.03E-02	0.15	4.03E-02	0.15	4.03E-02	0.15	4.03E-02	0.15	
ADA024R4G6	4.53E-01	0.42	3.38E-01	0.21	6.44E-01	0.20	4.16E-01	0.20	4.16E-01	0.20	4.16E-01	0.20	4.16E-01	0.20	4.16E-01	0.20	4.16E-01	0.20	4.16E-01	0.20	4.16E-01	0.20	4.16E-01	0.20	4.16E-01	0.20	4.16E-01	0.20	4.16E-01	0.20		
ADA037WV43	1.88E-02	0.32	5.64E-01	0.08	3.19E-02	0.43	6.09E-02	0.42	6.57E-01	0.22	3.13E-02	0.22	3.13E-02	0.22	3.13E-02	0.22	3.13E-02	0.22	3.13E-02	0.22	3.13E-02	0.22	3.13E-02	0.22	3.13E-02	0.22	3.13E-02	0.22	3.13E-02	0.22		
B1AP5	1.57E-01	0.52	9.19E-01	0.04	1.25E-01	0.43	9.51E-02	0.73	7.39E-01	0.17	1.04E-01	0.82	7.41E-01	0.23	2.51E-01	0.74	1.41E-01	0.52	3.98E-01	0.52	3.13E-02	0.52	3.13E-02	0.60	6.85E-01	0.60	6.85E-01	0.35	5.31E-01	0.38		
B2BR88	8.70E-01	0.07	7.05E-01	0.06	1.49E-01	0.03	9.52E-02	0.45	1.32E-01	0.32	3.81E-02	0.75	6.13E-01	0.22	1.71E-03	0.68	1.88E-02	0.65	3.84E-02	0.62	1.50E-01	0.62	1.50E-01	0.42	1.09E-01	0.42	1.09E-01	0.26	2.43E-01	0.26		
ADA024R62	7.43E-01	0.27	7.78E-01	0.01	1.50E-01	0.06	1.73E-01	0.06	1.73E-01	0.06	1.73E-01	0.06	1.73E-01	0.06	1.73E-01	0.06	1.73E-01	0.06	1.73E-01	0.06	1.73E-01	0.06	1.73E-01	0.06	1.73E-01	0.06	1.73E-01	0.06	1.73E-01	0.06		
D95GG2	2.93E-01	0.19	4.70E-01	0.12	5.83E-02	0.36	2.75E-01	0.19	3.44E-01	0.20	8.87E-02	0.35	8.34E-01	0.20	2.55E-02	0.45	6.04E-02	0.35	1.40E-01	0.35	1.40E-01	0.35	1.40E-01	0.35	1.40E-01	0.35	1.40E-01	0.35	1.40E-01	0.35		
B7549	2.08E-01	0.34	5.55E-01	0.10	9.85E-02	0.56	2.61E-01	0.54	4.76E-01	0.14	3.63E-01	0.46	9.39E-01	0.03	8.71E-01	0.11	6.54E-01	0.33	1.08E-01	0.66	3.56E-02	0.66	3.56E-02	0.57	4.95E-01	0.57	4.95E-01	0.49	5.91E-01	0.49		
ADA024R4A7	8.68E-01	0.03	5.23E-01	0.16	9.72E-01	0.06	9.44E-01	0.03	5.50E-01	0.12	9.58E-01	0.08	4.45E-01	0.20	6.01E-01	0.39	9.06E-01	0.07	6.82E-01	0.09	6.61E-01	0.09	6.61E-01	0.12	5.74E-01	0.12	5.74E-01	0.13	9.97E-01	0.13		
D6R934	8.37E-01	0.10	8.15E-02	0.51	2.28E-01	0.58	6.37E-01	0.14	9.10E-01	0.08	7.40E-01	0.15	9.20E-01	0.20	8.08E-01	0.26	9.21E-01	0.03	5.68E-01	0.18	6.99E-01	0.18	6.99E-01	0.11	5.44E-01	0.11	5.44E-01	0.15	5.44E-01	0.15		
Q8VCO	3.87E-01	0.17	1.98E-01	0.40	1.74E-01	0.26	5.31E-01	0.16	9.06E-01	0.06	6.72E-01	0.16	9.06E-01	0.16	9.06E-01	0.16	9.06E-01	0.16	9.06E-01	0.16	9.06E-01	0.16	9.06E-01	0.16	9.06E-01	0.16	9.06E-01	0.16	9.06E-01	0.16	9.06E-01	0.16
ADA140WV3	7.90E-01	0.10	6.97E-01	0.08	3.73E-01	0.50	4.55E-01	0.19	5.48E-01	0.17	9.13E-02	0.54	8.98E-01	0.05	7.73E-01	0.27	9.96E-01	0.01	2.04E-01	0.27	2.44E-02	0.27	2.44E-02	0.41	7.81E-01	0.41	7.81E-01	0.11	5.57E-01	0.11		
B3KTC6	3.72E-02	0.28	1.96E-02	0.45	9.45E-02	2.91	6.52E-02	2.34	6.29E-01	0.63	8.90E-01	0.44	4.46E-01	1.74	5.78E-01	0.28	2.54E-01	3.11	6.69E-01	0.54	3.18E-01	0.54	3.18E-01	0.24	5.05E-01	0.24	5.05E-01	2.53	2.24E-01	2.53		
E9P13	9.15E-01	0.07	3.26E-01	0.41	1.16E-01	1.50	6.66E-01	0.36	8.41E-01	0.43	2.44E-01	1.09	8.65E-01	0.17	3.14E-01	0.71	8.50E-01	0.13	7.43E-01	0.34	2.95E-01	0.34	2.95E-01	0.96	4.86E-01	0.96	4.86E-01	0.37	9.00E-01	0.37		
WHVW49	4.99E-02	0.53	9.78E-01	0.01	3.49E-01	0.40	1.80E-01	0.45	9.40E-01	0.03	3.48E-01	0.05	4.46E-01	0.30	3.12E-01	0.37	1.45E-01	0.40	2.90E-02	0.40	2.90E-02	0.40	2.90E-02	0.28	3.19E-01	0.28	3.19E-01	0.24	9.00E-01	0.24		
D93PD0	8.87E-01	0.23	7.43E-01	0.15	3.10E-01	0.52	5.66E-01	0.24	6.87E-01	0.24	6.87E-01	0.24	6.87E-01	0.24	6.87E-01	0.24	6.87E-01	0.24	6.87E-01	0.24	6.87E-01	0.24	6.87E-01	0.24	6.87E-01	0.24	6.87E-01	0.24	6.87E-01	0.24	6.87E-01	0.24
Q91V90	9.01E-01	0.18	9.62E-02	0.48	2.97E-01	0.48	2.97E-01	0.48	2.97E-01	0.48	2.97E-01	0.48	2.97E-01	0.48	2.97E-01	0.48	2.97E-01	0.48	2.97E-01	0.48	2.97E-01	0.48	2.97E-01	0.48	2.97E-01	0.48	2.97E-01	0.48	2.97E-01	0.48	2.97E-01	0.48
WHVW98	4.53E-01	0.26	2.72E-01	0.56	8.78E-01	0.20	9.60E-01	0.16	6.69E-01	0.00	2.46E-01	0.46	3.83E-01	0.33	9.73E-01	0.07	4.18E-01	0.30	8.62E-01	0.07	3.86E-01	0.07	3.86E-01	0.10	7.02E-01	0.10	7.02E-01	0.14	9.52E-01	0.14		
WHVW99	1.02E-01	1.00	1.18E-01	1.05	1.65E-01	2.73	9.05E-01	0.10	5.44E-02	1.39	2.02E-01	2.22	6.71E-01	0.13	3.29E-02	2.04	1.69E-01	0.97	9.85E-01	0.40	6.79E-01	0.40	6.79E-01	0.18	6.33E-01	0.18	6.33E-01	0.32	3.78E-02	0.32		
ASPL27	3.13E-01	0.57	9.60E-01	0.16	1.44E-01	0.64	9.84E-01	0.03	7.90E-01	0.57	9.00E-01	0.20	5.26E-01	0.10	8.80E-01	0.09	9.02E-01	0.01	5.72E-01	0.01	5.72E-01	0.01	5.72E-01	0.13	6.64E-01	0.13	6.64E-01	0.20	3.78E-01	0.20		
G31ZW1	3.91E-01	0.24	9.23E-01	0.01	3.37E-01	0.49	6.37E-01	0.01	3.37E-01	0.49	6.37E-01	0.01	3.37E-01	0.49	6.37E-01	0.01	3.37E-01	0.49	6.37E-01	0.01	3.37E-01	0.49	6.37E-01	0.01	3.37E-01	0.49	6.37E-01	0.01	3.37E-01	0.49	6.37E-01	0.01
M2R98	5.24E-02	0.35	8.42E-01	0.54	9.57E-01	0.16	4.62E-01	0.28	7.13E-01	0.28	7.13E-01	0.28	7.13E-01	0.28	7.13E-01	0.28	7.13E-01	0.28	7.13E-01	0.28	7.13E-01	0.28	7.13E-01	0.28	7.13E-01	0.28	7.13E-01	0.28	7.13E-01	0.28	7.13E-01	0.28
B2R815	6.16E-01	0.18	5.49E-01	0.20	1.68E-01	0.47	4.26E-01	0.23	5.71E-01	0.18	4.36E-01	0.36	5.16E-01	0.21	7.71E-01	0.20	8.58E-01	0.00	8.69E-01	0.00												



Supplementary Table 5.

Uniprot Symbol	0.25 h/Pre		0.5 h/Pre		1 h/Pre		2 h/Pre		4 h/Pre		8 h/Pre		16 h/Pre		1 d/Pre		2 d/Pre		3 d/Pre		7 d/Pre		14 d/Pre		21 d/Pre							
	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)	p-value	FDR	log2(FC)					
F7H132	0.38	6.33E-01	NS	0.38	6.33E-01	NS	0.38	6.33E-01	NS	0.38	6.33E-01	NS	0.38	6.33E-01	NS	0.38	6.33E-01	NS	0.38	6.33E-01	NS	0.38	6.33E-01	NS	0.38	6.33E-01	NS	0.38	6.33E-01	NS		
F65Y4D	1.02E-02	NS	1.57	2.47E-02	NS	1.29	9.35E-02	NS	2.26	2.77E-03	NS	1.69	6.80E-03	NS	2.15	8.26E-03	NS	2.19	2.76E-02	NS	1.15	1.25E-02	NS	1.55	9.88E-02	NS	1.65	7.03E-02	NS	1.41	3.22E-01	NS
F6H14	9.65E-01	NS	0.99	9.65E-01	NS	0.99	9.65E-01	NS	0.99	9.65E-01	NS	0.99	9.65E-01	NS	0.99	9.65E-01	NS	0.99	9.65E-01	NS	0.99	9.65E-01	NS	0.99	9.65E-01	NS	0.99	9.65E-01	NS	0.99	9.65E-01	NS
F7H1K4	1.30E-02	NS	2.64	3.65E-02	NS	2.23	1.47E-02	NS	2.35	2.86E-02	NS	2.30	3.20E-02	NS	1.15	2.27E-03	NS	1.81	1.72E-01	NS	0.59	4.81E-02	NS	1.06	5.99E-03	NS	0.74	2.17E-01	NS	0.38	1.37E-02	NS
F7H147	2.95E-03	NS	0.45	4.58E-03	NS	0.64	6.91E-02	NS	0.33	1.17E-03	NS	0.37	8.97E-02	NS	0.30	9.19E-02	NS	0.65	9.70E-01	NS	0.03	9.78E-02	NS	0.03	9.78E-02	NS	0.25	1.54E-01	NS	0.21	1.13E-02	NS
F7H147A	8.93E-03	NS	0.51	1.97E-02	NS	0.22	4.40E-02	NS	0.77	9.30E-02	NS	0.44	3.49E-01	NS	0.35	1.95E-02	NS	0.60	2.52E-01	NS	0.59	8.54E-03	NS	0.50	8.44E-02	NS	0.39	1.01E-01	NS	0.69	4.55E-01	NS
ADA15Q248	1.00E-04	NS	0.68	2.45E-01	NS	0.27	4.63E-01	NS	0.28	5.09E-01	NS	0.27	4.78E-01	NS	0.25	3.45E-01	NS	0.14	3.54E-01	NS	0.75	4.65E-01	NS	0.51	6.60E-01	NS	0.60	1.66E-01	NS	0.66	5.69E-01	NS
F7H1D1	4.86E-01	NS	0.14	9.59E-01	NS	-0.16	8.36E-01	NS	0.11	9.44E-01	NS	0.00	4.47E-01	NS	0.13	7.74E-01	NS	0.19	5.79E-01	NS	0.15	5.79E-01	NS	0.11	9.52E-01	NS	0.02	4.46E-01	NS	0.35	5.62E-01	NS
ADA15Q506	9.73E-02	NS	0.29	1.28E-02	NS	0.52	1.50E-02	NS	0.49	1.45E-01	NS	0.25	8.19E-03	NS	0.61	2.82E-01	NS	0.43	2.58E-01	NS	0.25	1.03E-01	NS	0.48	1.53E-02	NS	0.47	6.09E-01	NS	0.34	6.98E-02	NS
F6V65	3.71E-01	NS	0.18	3.60E-01	NS	-0.24	1.39E-01	NS	0.34	5.38E-01	NS	0.00	7.76E-01	NS	0.13	7.35E-01	NS	0.04	8.10E-01	NS	-0.04	7.03E-01	NS	-0.05	3.40E-01	NS	0.29	9.99E-01	NS	0.16	7.12E-01	NS
F65SW9	9.65E-01	NS	0.00	9.26E-01	NS	0.02	1.95E-01	NS	-0.28	4.67E-01	NS	-0.17	8.20E-01	NS	-0.02	1.61E-01	NS	-0.34	9.79E-01	NS	0.07	2.75E-02	NS	-0.55	2.90E-01	NS	-0.34	5.36E-01	NS	-0.13	9.07E-01	NS
F7H1V0	3.77E-01	NS	0.17	1.55E-01	NS	0.19	1.17E-01	NS	0.35	6.60E-02	NS	0.33	4.33E-01	NS	0.20	4.44E-03	NS	0.38	6.71E-01	NS	0.10	6.99E-01	NS	0.10	8.93E-01	NS	0.04	5.29E-01	NS	0.14	1.11E-01	NS
F7H1J2	1.70E-02	NS	1.55	5.42E-02	NS	2.93	8.11E-02	NS	4.18	7.50E-02	NS	2.78	8.67E-02	NS	1.28	4.42E-02	NS	1.53	1.01E-02	NS	1.02	1.76E-01	NS	3.07	5.42E-02	NS	1.39	2.29E-01	NS	0.86	3.86E-02	NS
F7H2A5	1.53E-01	NS	1.15	3.41E-01	NS	0.81	2.04E-01	NS	1.01	6.70E-02	NS	1.33	4.42E-01	NS	1.08	5.94E-01	NS	-0.22	5.94E-01	NS	0.14	1.45E-01	NS	0.64	5.31E-01	NS	0.21	2.02E-01	NS	-0.21	2.43E-01	NS
H9H3P6	2.59E-01	NS	-0.20	8.46E-01	NS	-0.04	7.84E-01	NS	-0.04	3.49E-01	NS	-0.20	7.23E-01	NS	-0.06	1.07E-01	NS	-0.23	4.59E-01	NS	-0.17	3.85E-01	NS	-0.18	2.27E-01	NS	-0.22	1.71E-01	NS	-0.29	4.40E-02	NS
F7H1D8	1.20E-04	NS	0.48	6.25E-01	NS	-0.13	6.94E-02	NS	0.49	1.82E-01	NS	0.52	7.24E-01	NS	0.11	1.20E-01	NS	0.07	5.94E-01	NS	0.27	5.94E-01	NS	0.51	2.04E-02	NS	0.34	2.36E-01	NS	0.66	2.69E-01	NS
ADA15Q500	5.72E-01	NS	0.43	7.85E-01	NS	0.26	3.79E-01	NS	0.81	3.13E-01	NS	0.68	6.71E-01	NS	0.10	5.50E-01	NS	0.55	1.52E-01	NS	0.46	5.25E-01	NS	0.51	3.94E-01	NS	0.31	5.35E-01	NS	0.44	1.63E-01	NS
F7H1C2	1.50E-01	NS	-3.07	5.80E-01	NS	-0.41	9.18E-02	NS	-3.45	1.68E-01	NS	-2.82	1.85E-01	NS	-2.40	2.29E-01	NS	-2.57	3.52E-01	NS	-2.21	5.90E-01	NS	-1.62	5.86E-01	NS	-0.58	2.17E-01	NS	-2.68	6.29E-01	NS
F7H1F4	2.16E-01	NS	0.50	9.65E-01	NS	-0.05	3.20E-01	NS	0.57	9.04E-01	NS	0.49	9.04E-01	NS	0.20	2.88E-01	NS	0.32	6.42E-01	NS	0.26	5.25E-01	NS	0.33	2.72E-01	NS	0.51	1.09E-01	NS	0.61	6.29E-01	NS
F7H1F8	1.03E-02	NS	-1.60	1.36E-01	NS	-0.64	5.13E-01	NS	-0.21	3.33E-01	NS	-0.37	4.77E-01	NS	-0.19	5.47E-01	NS	-0.23	1.79E-01	NS	-0.51	7.84E-01	NS	-0.12	1.84E-01	NS	-0.63	2.65E-01	NS	-0.56	8.93E-01	NS
F6H58	1.91E-01	NS	0.31	5.17E-01	NS	-0.22	1.30E-01	NS	0.43	4.83E-01	NS	0.24	9.39E-01	NS	0.03	4.89E-01	NS	0.26	6.41E-01	NS	-0.13	5.52E-01	NS	0.26	8.04E-01	NS	0.34	2.23E-01	NS	0.47	9.56E-01	NS
ADA15Q507	5.00E-01	NS	-0.09	8.80E-01	NS	-0.02	6.09E-01	NS	0.16	3.89E-01	NS	-0.12	2.63E-01	NS	-0.16	9.07E-01	NS	0.04	7.74E-01	NS	0.12	9.81E-01	NS	-0.01	4.40E-01	NS	-0.01	6.56E-01	NS	-0.06	3.55E-01	NS
F6TP36	3.92E-01	NS	0.24	2.98E-01	NS	-0.19	2.80E-01	NS	0.40	5.37E-01	NS	0.14	6.29E-01	NS	-0.09	1.69E-01	NS	0.25	6.48E-01	NS	-0.08	8.93E-01	NS	0.01	6.17E-01	NS	0.11	6.45E-02	NS	0.26	8.85E-02	NS
F6Z6R2	8.67E-01	NS	0.06	9.90E-01	NS	-0.39	3.07E-01	NS	0.36	8.57E-01	NS	0.05	9.90E-01	NS	0.03	5.54E-01	NS	0.03	5.48E-01	NS	0.09	1.12E-02	NS	0.03	6.73E-01	NS	0.09	4.13E-01	NS	0.45	9.22E-01	NS
F6V5G1	5.94E-01	NS	0.13	8.44E-01	NS	-0.37	2.46E-01	NS	0.57	2.94E-01	NS	0.30	9.33E-01	NS	-0.21	3.06E-01	NS	0.76	4.47E-01	NS	-0.13	4.70E-01	NS	0.53	7.93E-01	NS	0.09	7.53E-01	NS	0.11	3.37E-01	NS
F7H1F6	9.45E-01	NS	0.03	8.01E-01	NS	-0.04	8.83E-02	NS	0.37	6.56E-01	NS	-0.11	9.78E-01	NS	0.12	3.36E-01	NS	0.14	1.94E-01	NS	0.29	6.47E-01	NS	0.45	6.94E-01	NS	0.10	1.36E-01	NS	0.27	8.86E-01	NS
F7H1S6	2.31E-01	NS	0.97	4.97E-01	NS	0.77	1.09E-01	NS	1.56	7.22E-01	NS	0.96	7.21E-01	NS	0.98	3.68E-01	NS	0.40	4.29E-01	NS	0.34	9.11E-01	NS	-0.01	8.80E-01	NS	0.34	3.89E-01	NS	-0.29	7.32E-01	NS
ADA15R0L5	4.76E-01	NS	0.13	2.61E-01	NS	-0.04	2.42E-01	NS	0.75	8.89E-01	NS	0.49	2.91E-01	NS	-0.09	1.84E-01	NS	0.55	3.12E-01	NS	0.27	6.35E-01	NS	-0.39	3.03E-01	NS	0.45	4.94E-02	NS	0.58	7.80E-01	NS
F7H1B4	5.94E-01	NS	0.71	2.51E-01	NS	0.92	7.44E-02	NS	1.21	4.87E-01	NS	0.86	2.93E-01	NS	0.96	7.68E-01	NS	1.04	7.32E-01	NS	-0.02	6.92E-01	NS	0.82	8.71E-01	NS	0.24	5.05E-01	NS	0.16	5.70E-01	NS
F6V1P9	1.06E-01	NS	-0.15	9.47E-01	NS	-0.01	4.98E-01	NS	0.38	4.15E-01	NS	0.38	4.15E-01	NS	0.13	8.51E-01	NS	0.03	6.19E-01	NS	0.15	3.48E-01	NS	0.15	3.48E-01	NS	0.58	9.12E-02	NS	0.48	3.63E-01	NS
F7H1G4	4.65E-01	NS	-0.23	6.00E-01	NS	-0.16	1.45E-01	NS	-0.51	2.65E-01	NS	-0.07	3.34E-01	NS	-0.29	6.68E-01	NS	-0.04	2.28E-01	NS	0.07	1.02E-01	NS	0.07	1.02E-01	NS	0.44	6.65E-01	NS	-0.15	2.82E-01	NS
ADA15Q501	1.94E-01	NS	0.45	3.71E-01	NS	-0.23	6.35E-02	NS	0.65	3.29E-01	NS	0.44	7.70E-01	NS	-0.07	2.41E-01	NS	0.40	9.18E-01	NS	0.11	2.87E-01	NS	0.11	2.68E-01	NS	0.49	4.06E-02	NS	0.55	6.46E-01	NS
F6Z2Z	5.76E-01	NS	-0.08	9.91E-01	NS	0.02	1.79E-01	NS	-0.20	7.71E-01	NS	-0.03	6.47E-01	NS	0.20	6.85E-01	NS	-0.05	8.15E-01	NS	-0.02	5.80E-01	NS	0.09	7.09E-01	NS	0.11	2.71E-01	NS	-0.20	1.47E-01	NS
F7H1V3	2.07E-01	NS	0.48	8.42E-01	NS	-0.02	2.02E-01	NS	0.39	3.55E-01	NS	0.30	8.46E-01	NS	0.11	2.89E-01	NS	0.05	4.40E-01	NS	0.27	3.85E-01	NS	0.50	5.92E-02	NS	0.63	9.99E-02	NS	0.61	5.41E-01	NS
H9H1V9	9.45E-01																															

Supplementary table 6

name	0.25 h/Pre		0.5 h/Pre		1 h/Pre		2 h/Pre		4 h/Pre		8 h/Pre		16 h/Pre		1 d/Pre		2 d/Pre		3 d/Pre		7 d/Pre		14 d/Pre		21 d/Pre					
	p-value	FDR	log2(FC)	p-value	log2(FC)	p-value	log2(FC)	p-value	log2(FC)	p-value	log2(FC)	p-value	log2(FC)	p-value	log2(FC)	p-value	log2(FC)	p-value	log2(FC)	p-value	log2(FC)	p-value	log2(FC)	p-value	log2(FC)	p-value	log2(FC)			
XGAP6	6.34E-04	NS	3.24	2.86E-05	NS	3.58	4.84E-06	NS	3.57	8.81E-03	NS	2.52	2.41E-02	NS	1.29	1.73E-01	NS	0.97	6.90E-01	NS	0.52	9.33E-02	NS	0.17	4.47E-01	NS	1.96			
IL3L5P	6.61E-04	NS	-0.91	2.81E-03	NS	0.93	3.67E-05	NS	0.97	2.18E-02	NS	0.93	4.51E-02	NS	0.95	9.26E-01	NS	0.97	7.11E-04	NS	0.78	1.94E-01	NS	0.69	6.42E-01	NS	1.35			
Q5SG6	1.72E-04	NS	2.48	2.21E-03	NS	2.98	2.92E-04	NS	3.17	1.12E-03	NS	1.77	1.77E-02	NS	0.81	5.14E-04	NS	0.88	1.47E-02	NS	2.03	2.71E-01	NS	0.23	6.03E-01	NS	1.11			
2.98E-04	NS	2.90	1.67E-04	NS	2.57	2.26E-03	NS	2.32	4.67E-03	NS	2.58	6.00E-03	NS	0.94	2.11E-02	NS	0.90	2.10E-01	NS	0.56	8.99E-01	NS	0.28	1.76E-01	NS	0.98				
F2M35	5.49E-02	NS	-0.40	1.75E-02	NS	-0.36	1.62E-02	NS	-0.46	3.32E-01	NS	-0.16	2.87E-01	NS	-0.17	7.49E-02	NS	-0.37	8.54E-01	NS	0.09	7.42E-01	NS	0.04	3.56E-01	NS	-0.31			
R3C76	8.40E-03	NS	2.69	3.28E-03	NS	3.06	4.97E-04	NS	3.12	5.59E-03	NS	2.00	2.34E-01	NS	0.65	1.02E-01	NS	2.02	1.40E-01	NS	2.02	1.40E-01	NS	2.46	2.50E-01	NS	1.90			
ASPL2	3.27E-02	NS	0.73	5.68E-02	NS	0.79	1.11E-03	NS	1.17	7.81E-01	NS	0.25	2.87E-01	NS	0.73	1.52E-01	NS	0.67	7.99E-02	NS	0.79	5.17E-01	NS	0.30	8.66E-02	NS	0.47			
DORN1	3.00E-01	NS	1.58	2.63E-03	NS	1.89	3.89E-02	NS	1.11	6.29E-01	NS	1.22	3.97E-01	NS	0.52	1.08E-01	NS	-0.37	2.40E-02	NS	1.33	3.14E-01	NS	0.54	7.45E-02	NS	0.37			
FRW876	1.73E-01	NS	0.43	4.55E-03	NS	0.42	7.86E-03	NS	0.73	3.28E-01	NS	0.38	1.64E-01	NS	0.27	7.19E-02	NS	0.38	6.53E-01	NS	0.18	9.16E-01	NS	0.22	3.15E-01	NS	0.24			
Q5JH26	5.93E-02	NS	-0.74	7.68E-02	NS	-0.71	5.96E-02	NS	-0.76	1.26E-01	NS	-0.53	5.12E-01	NS	-0.04	1.91E-01	NS	-0.51	1.98E-01	NS	0.29	6.92E-01	NS	0.14	4.65E-01	NS	-0.19			
V9HW59	1.32E-02	NS	1.21	9.29E-03	NS	1.45	2.66E-02	NS	1.98	4.13E-01	NS	0.76	1.80E-02	NS	0.99	2.10E-01	NS	1.29	6.95E-01	NS	1.52	3.55E-01	NS	0.28	6.51E-01	NS	0.47			
AD0D13	8.62E-01	NS	-0.01	6.26E-01	NS	-0.07	1.06E-01	NS	0.72	7.70E-01	NS	-0.05	2.93E-01	NS	-0.26	1.47E-01	NS	0.05	9.35E-01	NS	0.16	4.44E-01	NS	-0.07	5.47E-01	NS	-0.14			
B7255	8.44E-01	NS	0.06	8.41E-01	NS	0.08	2.17E-02	NS	0.54	9.40E-01	NS	0.06	8.39E-01	NS	-0.03	9.99E-02	NS	0.20	4.30E-01	NS	0.03	4.83E-01	NS	0.15	3.88E-01	NS	0.24			
FRW616	2.58E-01	NS	0.49	4.43E-01	NS	0.62	2.44E-01	NS	0.54	9.44E-02	NS	0.91	2.94E-01	NS	0.83	4.42E-01	NS	0.67	2.32E-01	NS	0.81	5.59E-03	NS	1.01	9.45E-01	NS	0.49			
BLP58	3.08E-01	NS	0.25	7.01E-01	NS	0.18	3.87E-03	NS	0.47	8.29E-01	NS	0.13	9.08E-01	NS	0.02	1.05E-01	NS	0.37	9.91E-01	NS	0.41	3.66E-01	NS	0.41	4.28E-01	NS	0.10			
Q5JH37	1.02E-01	NS	-0.68	4.56E-01	NS	-0.30	3.24E-01	NS	-0.53	2.38E-01	NS	-0.11	3.81E-01	NS	-0.38	8.16E-01	NS	-0.25	3.62E-01	NS	1.36	5.72E-01	NS	-0.41	1.53E-01	NS	-0.64			
V9HW88	6.32E-01	NS	0.03	3.74E-01	NS	0.16	4.90E-02	NS	0.52	8.65E-01	NS	-0.02	2.57E-01	NS	0.22	3.44E-01	NS	0.27	2.26E-01	NS	0.01	7.81E-01	NS	-0.01	2.26E-01	NS	0.23			
H3B9J	6.77E-01	NS	-0.40	8.59E-01	NS	0.14	1.30E-01	NS	1.26	9.29E-01	NS	-0.04	3.69E-01	NS	0.16	5.62E-01	NS	0.30	1.63E-01	NS	0.42	9.22E-01	NS	0.01	6.54E-01	NS	-0.14			
D6R94	8.87E-01	NS	-0.04	8.01E-01	NS	-0.09	7.98E-01	NS	0.46	2.45E-01	NS	-0.36	8.80E-01	NS	-0.05	5.14E-01	NS	-0.03	6.34E-01	NS	-0.08	8.59E-01	NS	-0.07	2.00E-01	NS	0.57			
B2R39	2.30E-01	NS	-1.51	3.50E-01	NS	-1.29	6.63E-01	NS	-0.76	9.78E-01	NS	-0.21	2.00E-01	NS	-1.58	3.68E-01	NS	0.07	6.77E-01	NS	-0.95	2.18E-01	NS	0.39	6.01E-01	NS	-1.22			
L8E83	7.06E-01	NS	0.14	2.79E-01	NS	0.29	1.39E-01	NS	0.86	2.41E-01	NS	0.51	1.10E-01	NS	0.51	3.53E-01	NS	0.28	9.15E-01	NS	0.28	1.74E-01	NS	0.25	3.68E-01	NS	0.27			
4.14E-01	NS	-0.39	3.18E-01	NS	-0.45	6.37E-01	NS	-0.09	4.03E-01	NS	-0.39	9.77E-01	NS	-0.39	9.77E-01	NS	-0.15	4.74E-01	NS	0.04	4.89E-01	NS	-0.34	9.12E-01	NS	-0.42				
1.78E-02	NS	-0.41	3.49E-02	NS	-0.45	1.09E-01	NS	-0.46	8.65E-02	NS	-0.33	9.60E-02	NS	-0.31	8.90E-02	NS	-0.35	3.92E-02	NS	-0.44	7.16E-02	NS	-0.28	2.73E-02	NS	-0.46				
B72549	0.04	7.44E-01	NS	0.09	3.19E-02	NS	0.45	4.84E-01	NS	0.25	6.24E-01	NS	0.27	6.47E-01	NS	0.37	9.91E-01	NS	0.05	9.18E-01	NS	0.00	7.71E-01	NS	0.11	1.16E-01	NS	-0.21		
AD0A2R001	7.04E-02	NS	0.13	4.52E-01	NS	0.32	2.67E-01	NS	0.43	4.96E-01	NS	-0.35	9.78E-01	NS	-0.07	6.47E-01	NS	0.38	8.40E-01	NS	0.23	3.81E-01	NS	0.25	4.99E-01	NS	0.58			
AD0A7W5V5	5.37E-01	NS	0.14	9.96E-01	NS	0.01	5.69E-01	NS	0.14	2.86E-01	NS	0.22	3.56E-01	NS	0.12	2.90E-01	NS	0.04	6.72E-01	NS	0.05	9.79E-01	NS	-0.07	3.62E-01	NS	0.16			
7.19E-01	NS	-0.05	6.89E-01	NS	-0.05	8.71E-02	NS	-0.30	6.32E-01	NS	-0.08	9.23E-01	NS	0.01	1.28E-02	NS	-0.40	1.99E-01	NS	-0.22	2.97E-01	NS	-0.17	1.87E-01	NS	-0.28				
B72R8	1.05E-01	NS	0.35	6.09E-02	NS	0.42	5.23E-02	NS	0.39	3.67E-01	NS	0.24	1.25E-01	NS	0.34	4.72E-01	NS	0.30	3.29E-01	NS	0.23	7.20E-01	NS	0.07	7.51E-01	NS	0.10			
Q5JG52	3.78E-01	NS	-0.13	2.54E-01	NS	-0.17	4.66E-02	NS	-0.26	9.40E-01	NS	-0.02	3.44E-01	NS	-0.14	2.99E-02	NS	-0.37	3.81E-01	NS	-0.33	3.81E-01	NS	-0.33	8.20E-02	NS	-0.22			
Q5JY21	9.76E-01	NS	0.05	8.61E-01	NS	-0.07	2.06E-01	NS	-0.35	2.67E-01	NS	-0.22	8.66E-01	NS	-0.07	2.19E-01	NS	-0.30	3.34E-01	NS	-0.52	1.97E-01	NS	-0.08	2.64E-01	NS	-0.44			
J3O68	3.58E-01	NS	0.02	3.60E-01	NS	-0.28	1.88E-01	NS	-0.76	2.66E-01	NS	-0.58	3.41E-01	NS	-0.66	1.07E-01	NS	-0.68	9.92E-02	NS	-0.81	5.99E-01	NS	0.23	3.37E-01	NS	-0.35			
V9HW33	6.22E-01	NS	0.24	4.44E-01	NS	0.89	9.50E-01	NS	0.25	2.46E-01	NS	0.45	1.78E-02	NS	0.83	8.94E-02	NS	0.55	7.25E-01	NS	0.17	8.43E-01	NS	0.47	9.35E-01	NS	0.29			
B4Y1C	3.34E-01	NS	-0.17	1.05E-01	NS	-0.30	1.68E-01	NS	-0.25	3.91E-01	NS	-0.14	8.14E-01	NS	-0.01	2.76E-01	NS	-0.19	1.78E-01	NS	-0.25	4.42E-01	NS	-0.47	2.49E-01	NS	-0.38			
AD0A87W4V3	9.16E-01	NS	0.13	5.63E-01	NS	0.12	3.86E-01	NS	0.51	3.98E-01	NS	0.34	4.88E-01	NS	0.20	1.68E-01	NS	0.20	1.68E-01	NS	0.20	1.68E-01	NS	0.20	1.68E-01	NS	0.20	1.68E-01	NS	0.20
AD0A11R20	1.75E-01	NS	-0.29	4.59E-01	NS	-0.10	2.42E-01	NS	-0.25	1.80E-01	NS	-0.29	2.50E-01	NS	-0.23	3.51E-01	NS	-0.08	3.73E-01	NS	-0.17	6.14E-01	NS	-0.06	2.35E-01	NS	-0.25	6.00E-02	NS	-0.40
E9PH0	4.02E-01	NS	-0.16	5.48E-01	NS	-0.14	3.15E-01	NS	-0.21	5.23E-01	NS	-0.13	4.50E-01	NS	-0.03	7.55E-01	NS	0.01	9.23E-01	NS	0.08	8.78E-01	NS	0.04	7.51E-01	NS	-0.05	2.48E-01	NS	-0.22
D3DNM4	2.97E-01	NS	0.16	1.68E-01	NS	0.06	3.88E-02	NS	1.03	9.32E-01	NS	0.43	7.57E-01	NS	-0.37	2.61E-01	NS	0.71	4.00E-01	NS	0.63	8.56E-01	NS	-0.01	2.70E-01	NS	0.91			
Q29R5	0.06	4.45E-01	NS	0.28	4.38E-01	NS	-0.09	9.14E-01	NS	0.14	8.12E-01	NS	0.08	3.40E-01	NS	0.20	4.46E-01	NS	-0.14	4.42E-01	NS	0.24	3.90E-01	NS	0.24	3.90E-01	NS	0.19		
AD0A5Z2D35	2.93E-01	NS	0.33	4.02E-01	NS	0.30	3.59E-01	NS	0.39	9.27E-01	NS	0.12	5.22E-01	NS	-0.17	2.97E-01	NS	0.58	8.50E-01	NS	1.05	9.92E-01	NS	0.68	1.10E-01	NS	0.85			
RT-Cal protein	7.33E-01	NS	-0.03	3.28E-01	NS	-0.02	3.88E-01	NS	-0.08	3.17E-01	NS	0.08	6.98E-01	NS	-0.03	7.05E-01	NS	-0.03	4.46E-02	NS	-0.26	2.54E-01	NS	-0.08	9.87E-01	NS	0.00			
B4Y1C	7.37E-01	NS	0.29	2.68E-02	NS	0.91	2.20E-01	NS	0.63	7.68E-02	NS	0.73	2.10E-02	NS	1.91	5.08E-03	NS	1.61	8.38E-04	NS	2.07	8.18E-03	NS	1.42	1.18E-01	NS	0.79			
AD0A14V0X0	5.84E-01	NS	-0.10	4.24E-01	NS	-0.14	2.42E-01	NS	-0.25	1.80E-01	NS	-0.29	2.50E-01	NS	-0.23	3.51E-01	NS	-0.08	3.73E-01	NS	-0.17	6.14E-01	NS	-0.06	2.35E-01	NS	-0.25	6.00E-02	NS	-0.40
AD0A14V0J17	2.67E-01	NS	-0.32	3.59E-01	NS	-0.28	2.40E-01	NS	-0.33	2.18E-01	NS	-0.35	2.70E-01	NS	-0.34	1.97E-01	NS	-0.38	5.95E-01	NS	-0.40	1.62E-01	NS	-0.41	5.88E-01	NS	-0.20	4.34E-01	NS	-0.15
AD0A24A7	3.68E-01	NS	-0.23	3.95E-01	NS	-0.22	8.53E-01	NS	-0.05	3.31E-01	NS	-0.25	7.27E-01	NS	-0.10	8.08E-01	NS	-0.05	2.52E-01	NS	-0.28	3.27E-01	NS	-0.21	7.05E-01	NS	0.09			
B9S79	9.84E-01	NS	-0.02	7.31E-01	NS	-0.07	1.58E-01	NS	0.27	7.85E-01																				