

SUPPLEMENTARY INFORMATION FILE

**Proteomic footprint of myocardial ischemia/reperfusion injury:
*Longitudinal study of the at-risk and remote regions in the pig
model***

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SUPPLEMENTAL METHODS

Study design

Experiments were performed on castrated male Large-White pigs weighing 30 to 40 kg. The study population comprised a total of 25 pigs that completed the protocol. The study was approved by the institutional animal research committee. The study design is summarized in main text **Fig. 1**. Five pigs (Group 1) were sacrificed with no intervention other than baseline CMR, and served as controls. In the other 20 pigs, reperfused acute myocardial infarction (I/R) was induced experimentally by closed-chest 40-minute mid left anterior descending coronary artery occlusion. These pigs were sacrificed at 120 minutes (n=5, Group 2), 24 hours (n=5, Group 3), and 7 days (n=5, Group 4) after reperfusion. CMR scans were performed at every follow-up stage until sacrifice (i.e. animals sacrificed on day 7 underwent baseline, 120min, 24h, day4, and day7 CMR exams). Animals were immediately euthanized after the last follow-up CMR scan, and transmural myocardial tissue samples from ischemic and remote areas were rapidly collected for proteomics evaluation. Based on anatomical correlates and standard left ventricle segmentation, those areas from mid-apical ventricular short axis slices matching regional contractility analysis were selected for sampling collection.

Myocardial infarction procedure

The I/R protocol has been detailed elsewhere.¹ Anesthesia was induced by intramuscular injection of ketamine (20 mg/kg), xylazine (2 mg/kg), and midazolam (0.5 mg/kg) and maintained by continuous intravenous infusion of ketamine (2 mg/kg/h), xylazine (0.2 mg/kg/h), and midazolam (0.2 mg/kg/h). Animals were intubated and mechanically ventilated with oxygen (fraction of inspired O₂: 28%). Central venous and arterial lines were inserted, and a single bolus of unfractionated heparin (300 IU/kg) was administered at the onset of instrumentation. The left anterior descending coronary artery, immediately distal to the origin of the first diagonal branch, was occluded for 40 minutes with an angioplasty balloon introduced via the percutaneous femoral route using the Seldinger technique. Balloon location and

maintenance of inflation were monitored angiographically. After balloon deflation, a coronary angiogram was recorded to confirm patency of the coronary artery. A continuous infusion of amiodarone (300 mg/h) was maintained during the procedure in all pigs to prevent malignant ventricular arrhythmias. In cases of ventricular fibrillation, a biphasic defibrillator was used to deliver non-synchronized shocks.

CMR protocol

A baseline CMR scan was performed immediately before myocardial infarction and subsequently repeated at corresponding post-infarction follow-up time points until sacrifice. All studies were performed in a Philips 3-Tesla Achieva Tx whole body scanner (Philips Healthcare, Best, the Netherlands) equipped with a 32-element phased-array cardiac coil. The imaging protocol included a standard segmented cine steady-state free-precession (SSFP) sequence to provide high quality anatomical references and functional information.¹⁻³ The imaging parameters for the SSFP sequence were FOV 280 x 280 mm, slice thickness 6 mm with no gap, TR 2.8 ms, TE 1.4 ms, flip angle 45°, cardiac phases 30, voxel size 1.8 x 1.8 mm, and 3 NEX. SSFP sequences were performed to acquire 13-15 contiguous short axis slices covering the heart from the base to the apex.

CMR data analysis

CMR images were analyzed using dedicated software (QMass MR 7.6, Medis, The Netherlands) by two observers experienced in CMR analysis and blinded to group allocation. To quantify end-diastolic wall thickness (EDWT), end-systolic wall thickness (ESWT), LV volume, and LV mass, epicardial and endocardial contours were detected automatically and corrected manually on short-axis cine SSFP if needed. Segmental wall thickening (SWT) was calculated as $(ESWT - EDWT)/EDWT \times 100$. SWT was summed and then averaged from mid-apical anteroseptal and anterior segments, for the ischemic area, and mid-apical inferolateral and inferior segments, for the remote area. Myocardial segments were considered dysfunctional if SWT was 30% or less.⁴

Proteomic analysis

Tissue sample preparation for mass spectrometry analysis

To compare the pattern of protein alterations produced by ischemia-reperfusion, myocardial tissue samples (from the ischemic and remote regions) were collected from the control group (no intervention) and at 120 min, 1 day, 4 days, and 7 days after ischemia and reperfusion. Protein extracts were prepared from homogenized tissue using ceramic beads (MagNa Lyser Green Beads apparatus, Roche, Germany) in extraction buffer (50mM Tris-HCl, 1mM EDTA, 1.5% SDS, pH 8.5). Protein digestion was performed as previously described⁵. Briefly, Cys residues were blocked with iodoacetamide (Sigma) at the time of protein extraction. Extracts were quantified by RC/DC Protein Assay (Bio Rad) and stored at -80°C until tryptic digestion. Before digestion, proteins were reduced with DTT (GE Healthcare) and subsequently alkylated with MMTS (Thermo Scientific). For shotgun proteomics, protein extracts from each time point were pooled, ensuring equal contributions from each replicate. Proteins from pooled samples were digested using sequencing grade trypsin (Promega, Madison, WI, USA) and filter-assisted sample preparation technology (FASP, Expedion, San Diego, CA, USA), and the resulting peptides were subjected to iTRAQ 8-plex labeling (AB Sciex, Framingham, MA, USA), joined, and desalted. For parallel reaction, monitoring (PRM) and label-free quantitative (iBAQ) analysis protein extract from individual pig samples (five pigs per each time point) were trypsin digested separately and desalted before LC-MS/MS analysis. In PRM experiments each sample was acquired in two technical replicates.

Peptide fractionation

Labeled peptides were separated into 8 fractions using Waters Oasis MCX cartridges (Waters Corp, Milford, MA, USA) and graded concentrations of ammonium formate, pH 3.0 (AF3) in acetonitrile (ACN). Desalted and dried peptides were taken up in 1 mL 5 mM AF3. The MCX cartridge was equilibrated by slowly passing 1 mL of 1:1 methanol:water across the cartridge, followed by 3 mL of AF3 containing 25% ACN (v/v). Samples were applied at a flow rate of 1 drop per second and the cartridge was washed with 1 mL AF3-25% ACN. Bound peptides were

eluted into 8 fractions with 300 μ L of freshly prepared buffer: (1) 200 mM AF3, 25% ACN; (2) 350 mM AF3, 25% ACN; (3) 500 mM AF3, 25% ACN; (4) 1 M AF3; (5) 1.5 M AF3, 37.5% ACN; (6) 500 mM AF3, 25% ACN, 1 M potassium chloride (KCl); (7) 500mM AF3, 25% ACN, 1.5 M KCl; and (8) 1M AF3, 50% ACN. Obtained fractions were purified and desalted with the MiniSpin Column Kit (The Nest Group, Inc., Southborough, MA, USA), dried, and stored at -20°C until MS analysis.

Liquid chromatography tandem mass spectrometry (nanoLC-MS/MS)

For shotgun proteomics analysis, the tryptic peptide mixtures were subjected to nanoLC-MS/MS. High-resolution analysis was performed on a nano-HPLC Easy nLC 1000 liquid chromatograph (Thermo Scientific, San Jose, CA, USA) coupled to a QExactive Hybrid Quadrupole-Orbitrap mass spectrometer (Thermo Scientific). Peptides were suspended in 0.1% FA, loaded onto a C18 RP nano-precolum (Acclaim PepMap100, 75- μ m internal diameter, 3- μ m particle size and 2-cm length, Thermo Scientific), and separated on an analytical C18 nano-column (EASY-Spray column PepMap RSLC C18, 75- μ m internal diameter, 3- μ m particle size and 50-cm length, Thermo Scientific) in a continuous gradient (8–31%B for 240 min, 31–90%B for 2 min, 90%B for 7 min, 90–5%B for 3 min and 2%B for 30 min, where A is 0.1% formic acid in HPLC H_2O and B is 90% ACN, 0.1% formic acid in HPLC grade H_2O). Spectra were acquired using full ion-scan mode over the mass-to-charge (m/z) range 390–1500 and 70,000 FT-resolution. MS/MS was performed on the top twenty ions in each full MS scan in data-dependent acquisition mode with 45s dynamic exclusion enabled. For PRM and label-free quantitative (iBAQ) analysis, peptide samples were subjected to a nano-HPLC nLC 1200 liquid chromatography (Thermo Scientific) coupled to a QExactive HF Hybrid Quadrupole-Orbitrap mass spectrometer (Thermo Scientific). Peptides were suspended in 0.1% FA, loaded onto a C18 RP nano-precolum (Acclaim PepMap100, 75- μ m internal diameter, 3- μ m particle size and 2-cm length, Thermo Scientific), and separated on an analytical C18 nano-column (Acclaim PepMap100, 75- μ m internal diameter, 3- μ m particle size and 50-cm length, Thermo Scientific) in a continuous gradient (10–30%B for 60 min, 30–90%B form 2 min, 90%B for 5 min, 90–5%B

for 3 min and 5%B for 25 min, where A is 0.1% formic acid in HPLC H₂O and B is 80% ACN, 0.1% formic acid in HPLC grade H₂O). A Picotip emitter nanospray needle (New Objective, Woburn, MA, USA) was used for peptide ionization. Spectra were acquired using full ion-scan mode over the mass-to-charge (m/z) range 390–1500 and 70,000 FT-resolution. In label-free experiments MS data were acquired with a Top10 data-dependent MS/MS scan method (topN method).

Protein identification and quantification

Proteins were identified in the raw files using the SEQUEST HT algorithm integrated in Proteome Discoverer 1.4 (Thermo Finnigan). MS/MS scans were matched against a combined pig and human database (UniProtKB/Swiss-Prot 2014_02 Release). For database searching, parameters were selected as follows: trypsin digestion with 2 maximum missed cleavage allowed, precursor mass tolerance of 800 ppm, and a fragment mass tolerance of 0.02 ppm. The N-terminal and lysine iTRAQ-8plex modifications were chosen as fixed modifications, whereas methionine oxidation, cysteine carbamidomethylation, and cysteine methylthiolation were chosen as variable modifications. The same MS/MS spectra collections were searched against inverted databases constructed from the same target databases. SEQUEST results were analyzed by the probability ratio method⁶. False discovery rate (FDR) was calculated for peptides identified in the inverted database search results using the refined method^{7,8}. Dynamic protein expression profiles after myocardial ischemia/reperfusion were characterized using the relative quantification approach by iTRAQ8-plex stable isotope labeling (SIL) with tandem mass spectrometry (MS/MS). Quantitative information was extracted from MS/MS spectra of iTRAQ-labeled samples using the in-house-developed QuiXoT program, as described⁹.

For label-free proteomics analysis mass spectrometry raw files were processed by MaxQuant software (version 1.5.6.5)¹⁰, and peptide lists were searched against the human Uniprot FASTA database (version July 2016). A contaminants database by the Andromeda search engine¹¹ with cysteine carbamidomethylation, cysteine methylthiolation and methionine oxidations as variable modifications was used. We set the false discovery rate (FDR) to 0.01 for

protein and peptide levels and the FDR was determined by searching a reverse database. A maximum of two missed cleavages were allowed. All proteins and peptides matching to the reversed database were filtered out. Label-free protein quantitation (LFQ) was performed with a minimum ratio count of 1¹². Intensity-based absolute quantification (iBAQ)¹³ method implemented in MaxQuant proteomics identification and quantitation software was used for the analysis of the label-free proteomics experiments. We express the protein abundances as percentage of the identified proteome, obtained by normalizing the iBAQ intensities to the sum of all intensities.

In the PRM experiments the peptides that were selected for assay development were identified in our previous shotgun proteomics analysis [Supplemental Table 10]. Once MS² data is generated by the PRM method, raw mass spectrometry files (Thermo) and spectral libraries (msf files obtained with Proteome Discoverer 2.1 search engine) were imported into Skyline version 3.6.0.10162 (<https://skyline.gs.washington.edu>) for identification of transitions and peak area integration according to the software instructions¹⁴. A spectral library was created using data from the original shotgun proteomics assay as well as the FASTA sequences of the monitored proteins were imported into Skyline for *in silico* tryptic digestion to generate precursor ion list. Only *b*- or *y*- fragment ions were selected to build the elution profile for peptide quantitation. All extracted ion chromatograms (XICs) of selected fragments were manually inspected and adjusted to ensure proper peak picking and peak integration.

Statistical analysis

For comparative analysis of protein abundance changes, we applied the Weighted Scan-Peptide-Protein (WSPP) statistical workflow.⁵ As input, WSPP uses a list of quantifications in the form of log2-ratios (for example a condition versus control sample) with their statistical weights. From these, WSPP generates the standardized forms of the original variables by computing the quantitative values expressed in units of standard deviation around the means (Zq). For the protein functional analysis we used the Systems Biology Triangle (SBT) model developed in our group, which estimates functional category averages (Zc) from protein values by performing

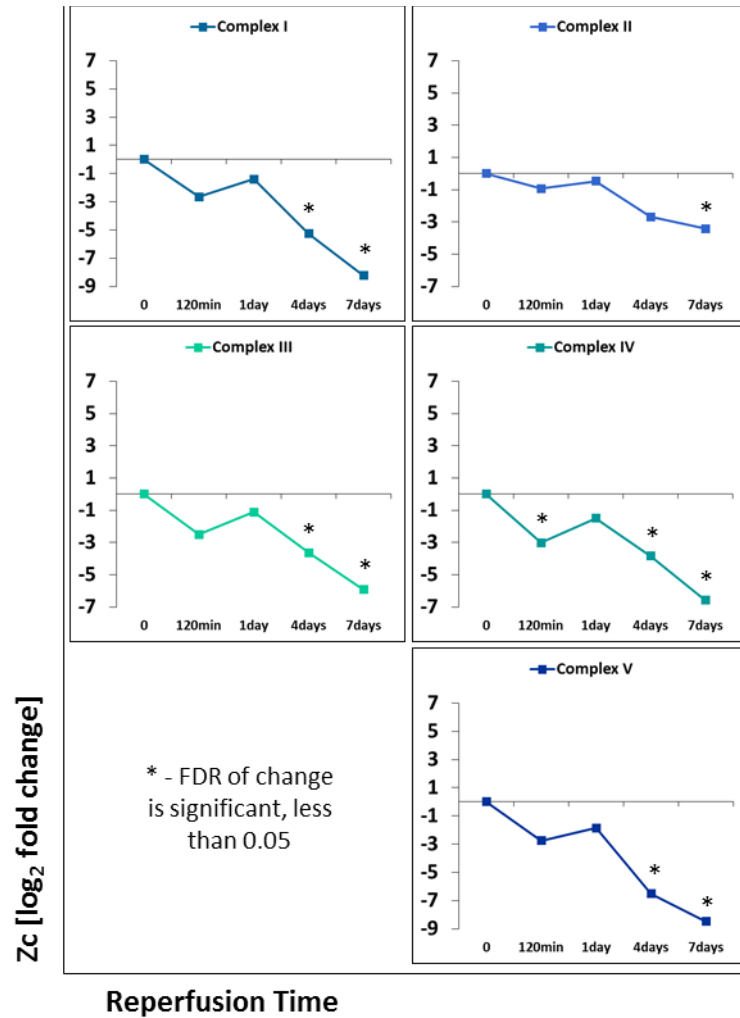
the protein-to-category integration. To facilitate detection of similar categories (categories sharing many proteins), a clustering algorithm was applied, as described.¹⁵

Protein functional annotation

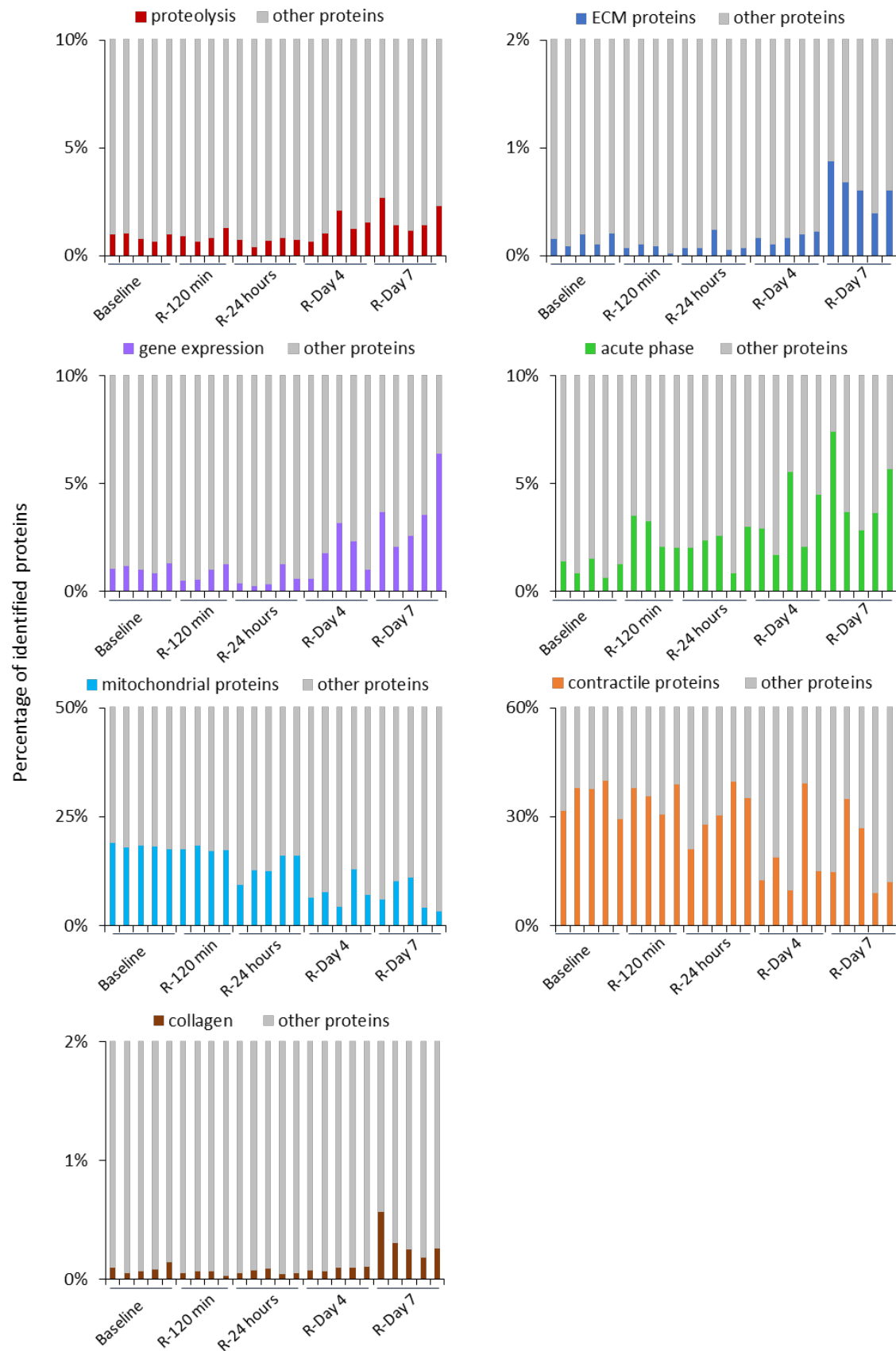
Quantified proteins were functionally annotated using the Ingenuity Knowledge Database (IPA)^{16,17} and DAVID¹⁸. The DAVID repository included 13 functional databases, including Gene Ontology, KEGG, and Panther.

SUPPLEMENTAL DATA

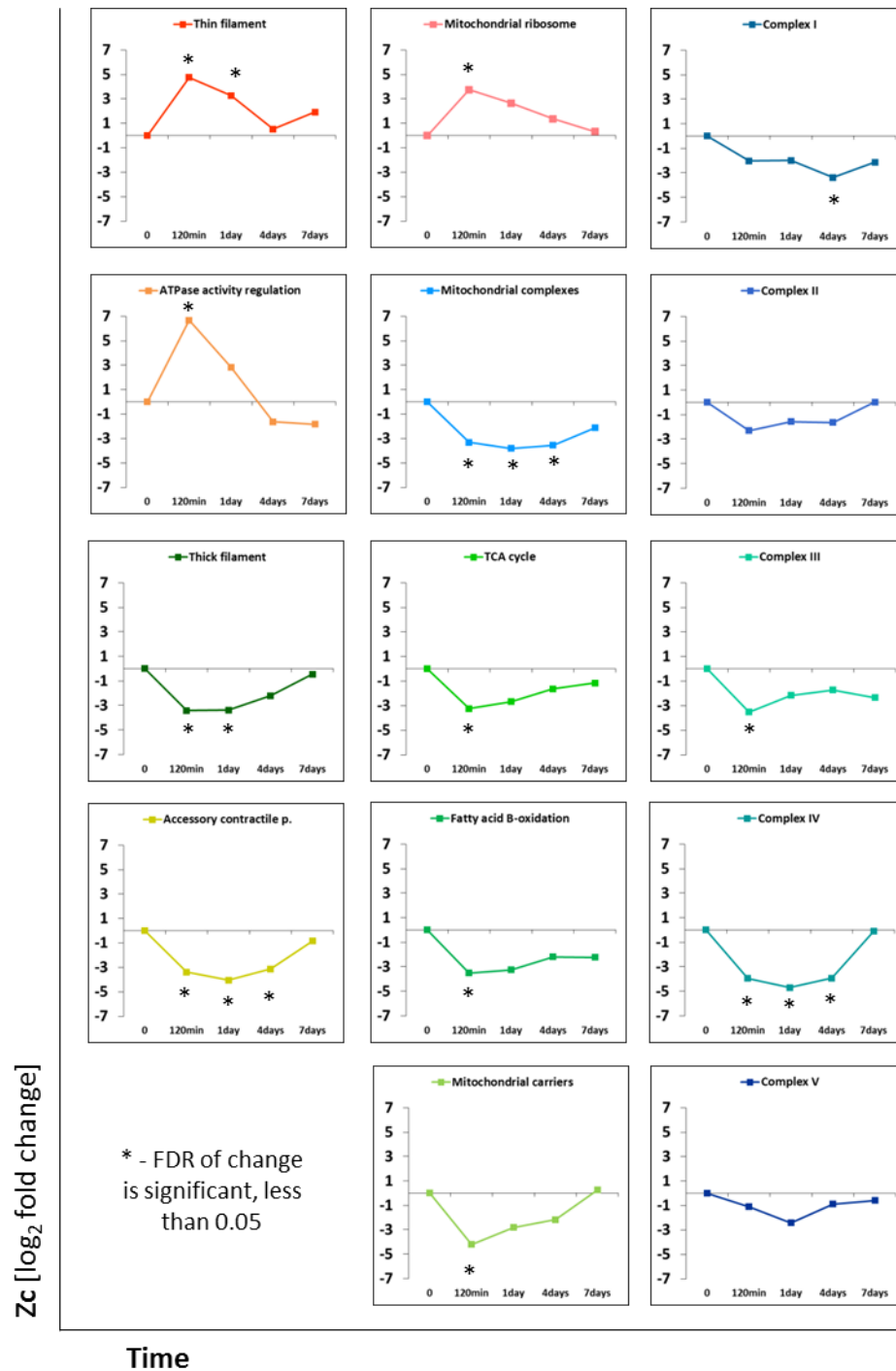
Supplementary Figure S1. Functional categories representing mitochondrial ETC complexes that were significantly altered (FDR < 0.05) at least one time point within the ischemic myocardium.



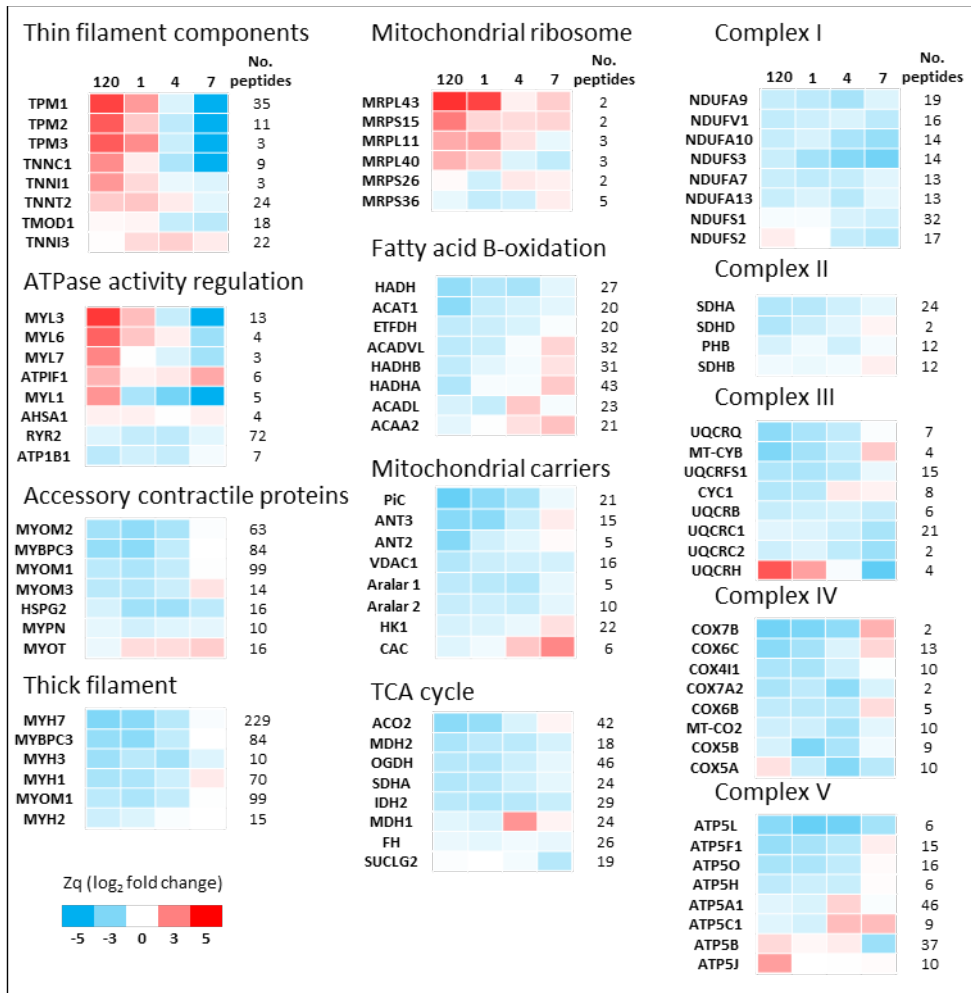
Supplementary Figure S2. Label-free experiments in the ischemic myocardium tissue. In iBAQ analysis the normalized sum of protein values in a biological processes (proteolysis, gene expression, acute phase) and other structural proteins (contractile proteins, extracellular matrix, collagen and mitochondrial proteins) is indicated for each biological individual (protein values are normalized by sum off all intensities).



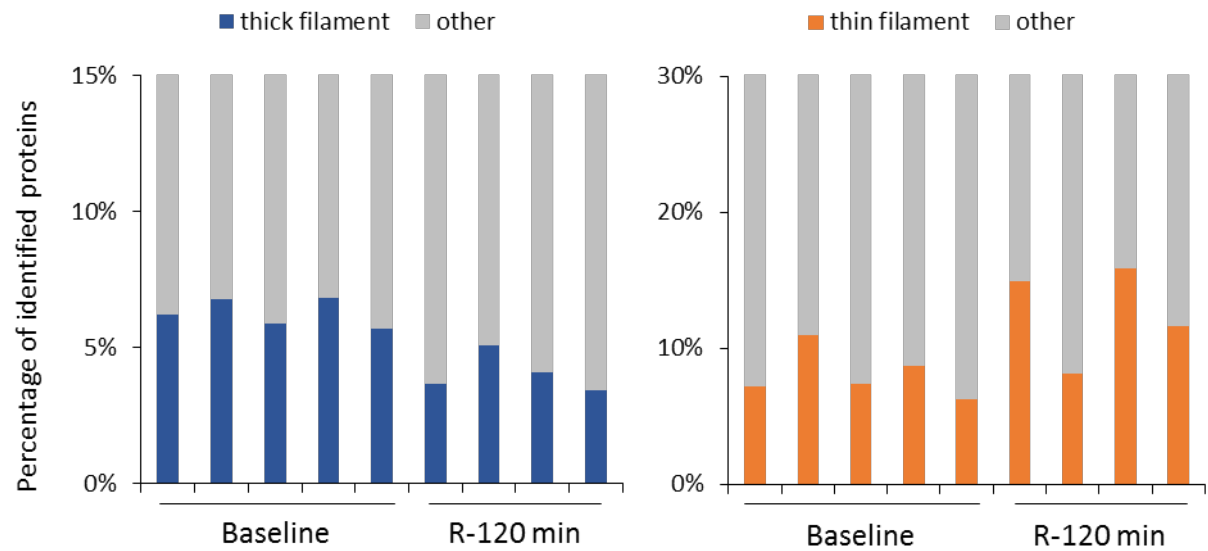
Supplementary Figure S3. Functional categories representing sarcomere components, mitochondrial ribosomes, bioenergetics pathways, mitochondrial carriers and ETC complexes that were significantly altered (FDR < 0.05) in at least one time point within the remote myocardium.



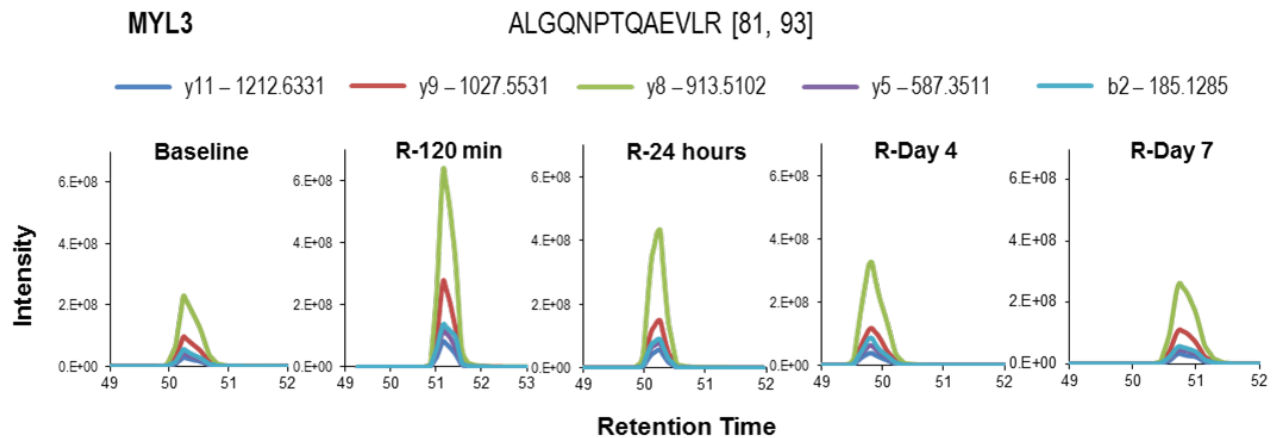
Supplementary Figure S4. Temporary contractile and mitochondrial dysfunction in the remote myocardium. Time course of protein expression changes (Zq) for the eight proteins quantified with the highest number of peptides (at least two) and belonging to altered categories related to sarcomere structure (left) and mitochondria (middle and right panels).



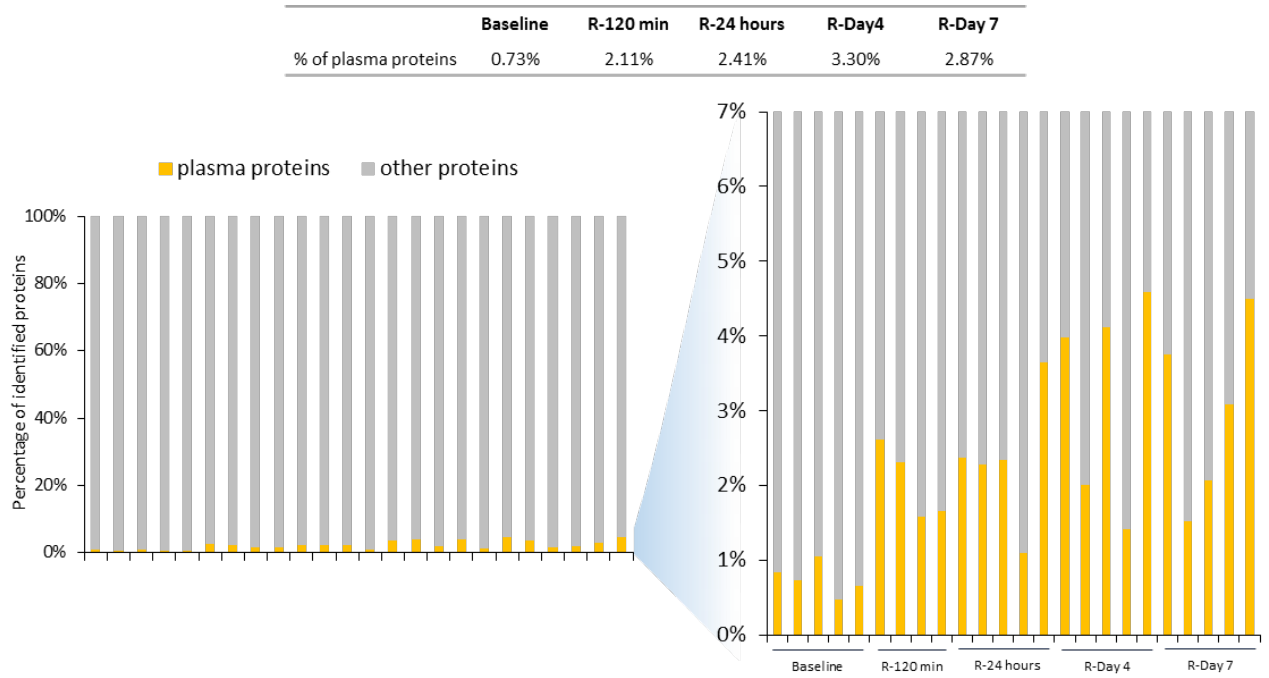
Supplementary Figure S5. Label-free experiments in the remote myocardium tissue. In iBAQ analysis, the normalized sum of protein values in sarcomeric structural proteins (thin filament and thick filament) is indicated for each biological individual (protein values are normalized by the sum of all intensities).



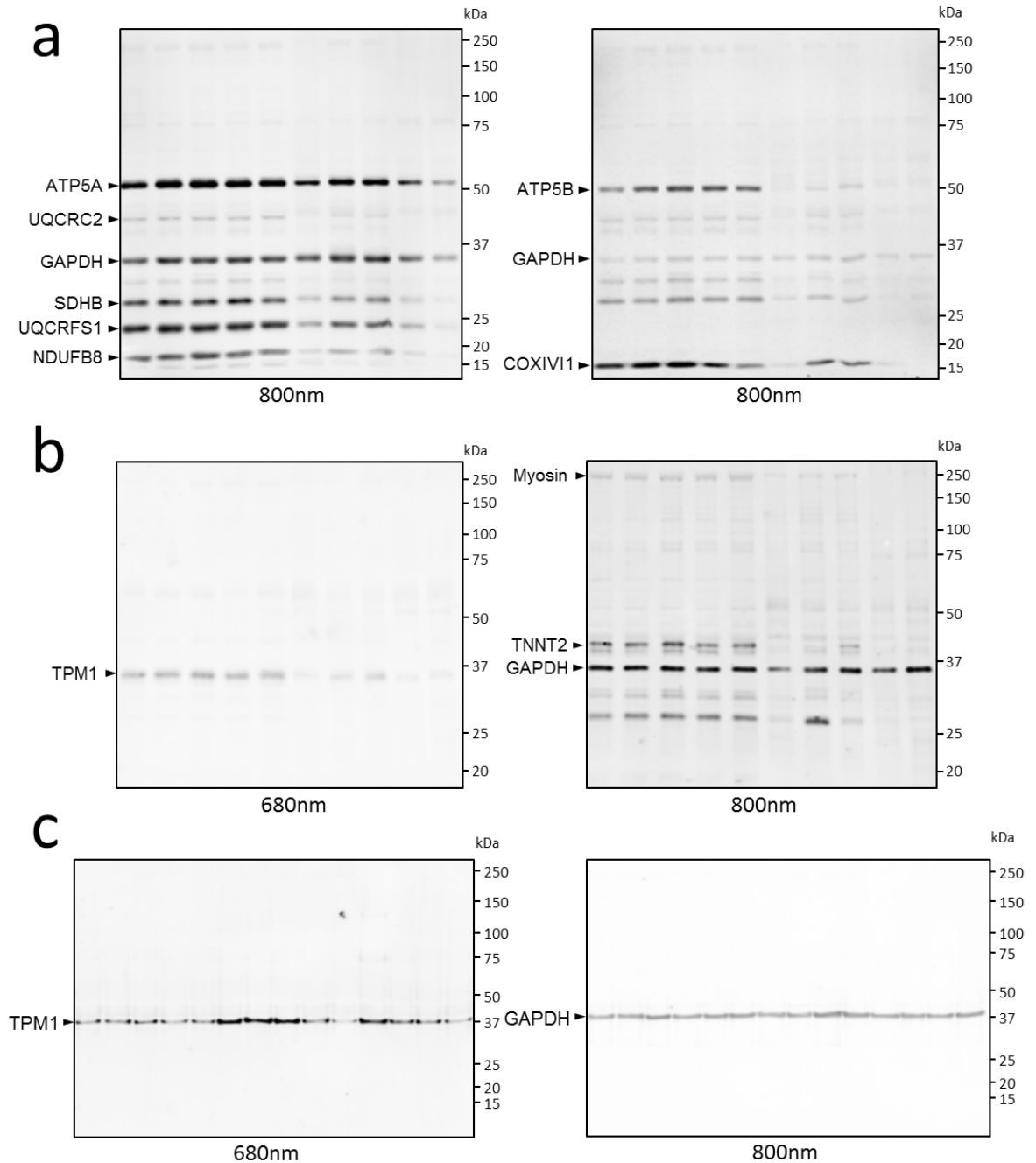
Supplementary Figure S6. Parallel reaction monitoring (PRM) validation experiments in remote myocardial tissue. Extracted ion chromatograms (XICs) of *b*- or *y*- fragment ions in a peptide sequence ALGQNPTQAEVLR from protein MYL3 fragments as an example of fragment peak area integration used for protein quantification generated by Skyline software. Fragments used for the quantification of this peptide: *y*11 - 1212.6331+; *y*9 - 1027.5531+; *y*8 - 913.5102+; *y*5 - 587.3511+; *b*2 - 185.1285+.



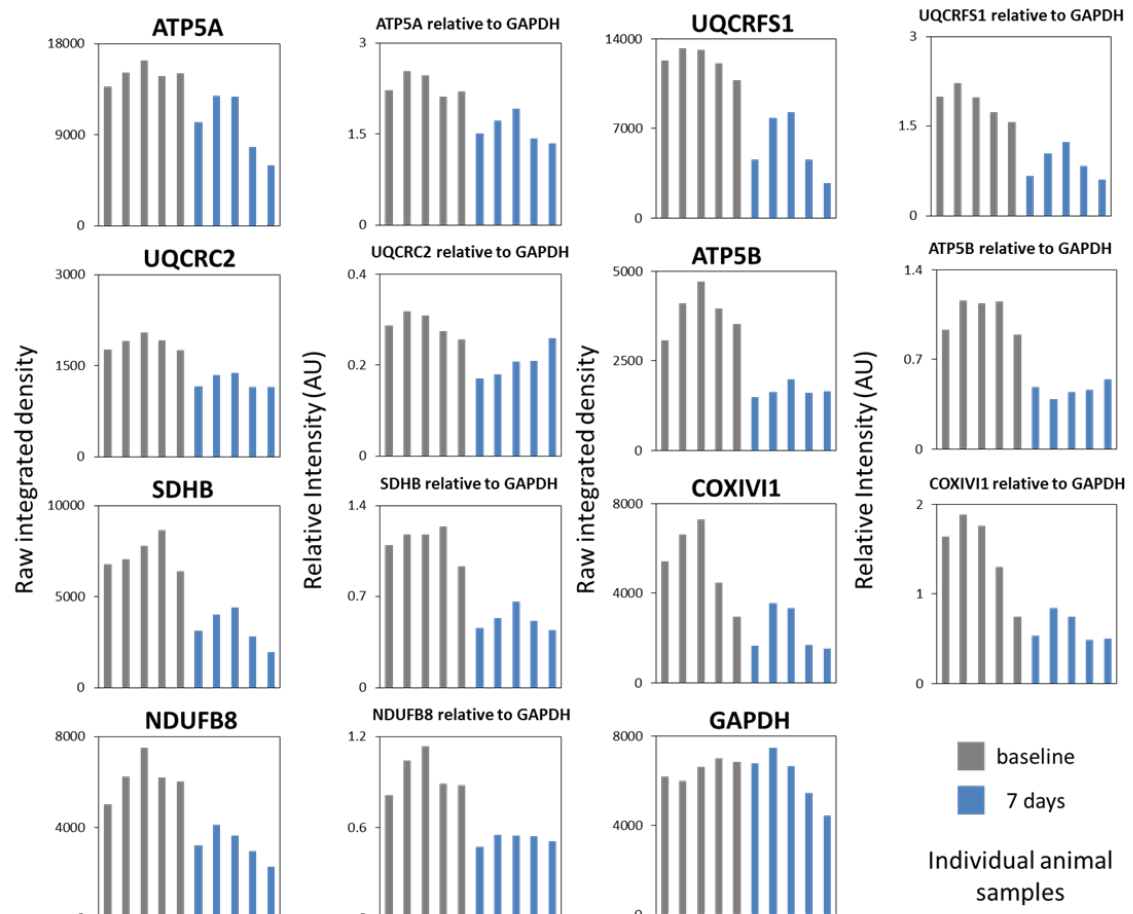
Supplementary Figure S7. Label-free experiments in the ischemic myocardium tissue. In iBAQ analysis the normalized sum of protein values in blood plasma proteins is indicated for each biological individual (protein values are normalized by the sum of all intensities).



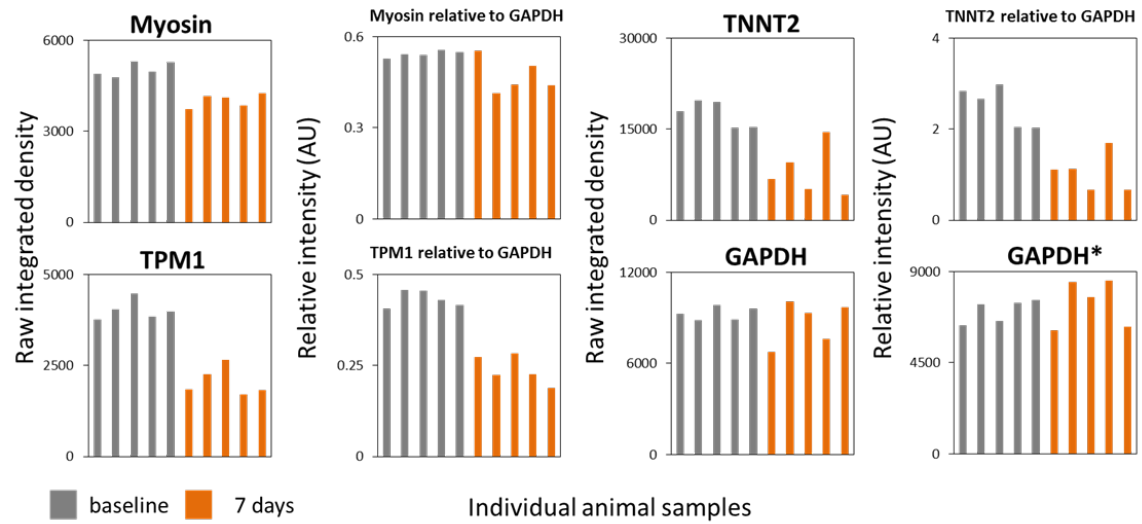
Supplementary Figure S8. Full-length blots corresponding to Fig.4a-b and Fig.6a in the main text. (a) Mitochondrial proteins (ATP5A, UQCRC2, SDHB, NDUFB8, UQCRFS1, COXIV and ATP5B) in the ischemic myocardium. (b) Contractile proteins (Myosin heavy chain, TNNT2 and TPM1) in the ischemic myocardium. (c) TPM1 in the remote myocardium.



Supplementary Figure S9. Raw integrated density data before and after normalization by signal of the protein load GAPDH for each protein corresponding to WB from Figure 4a.

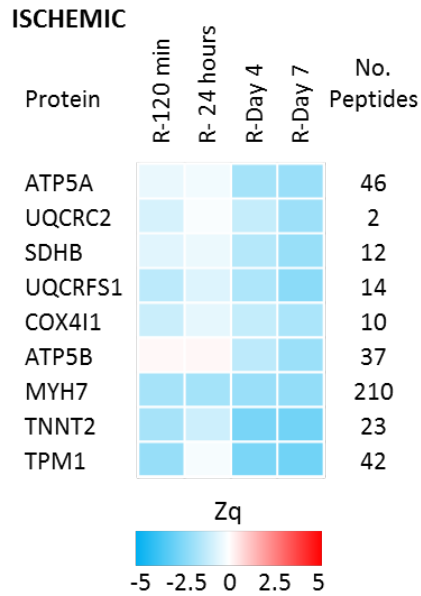


Supplementary Figure S10. Raw integrated density data before and after normalization by signal of the protein load GAPDH for each protein corresponding to WB from Figure 4b.

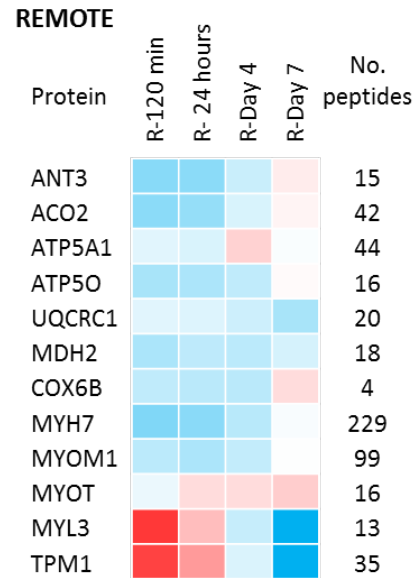


Supplementary Figure S11. Changes determined by isobaric labeling (iTRAQ) which contains (a) the same proteins validated by WB or label-free analysis presented in Figure 4 and (b) the same proteins validated by WB or PRM analysis presented in Figure 6 (b).

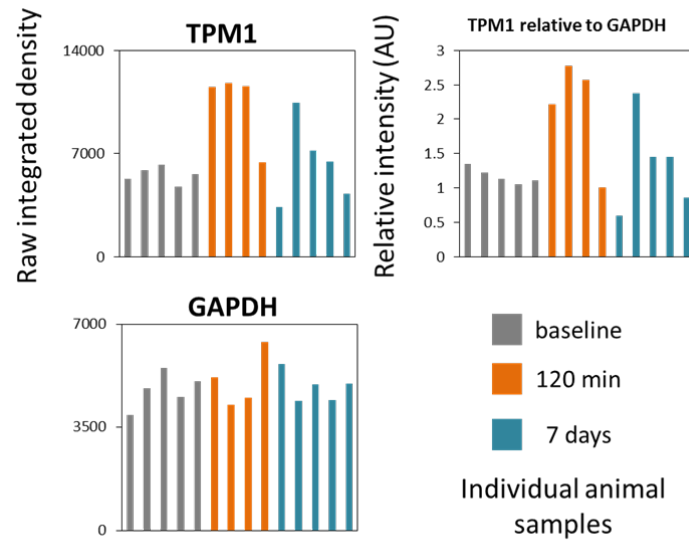
a



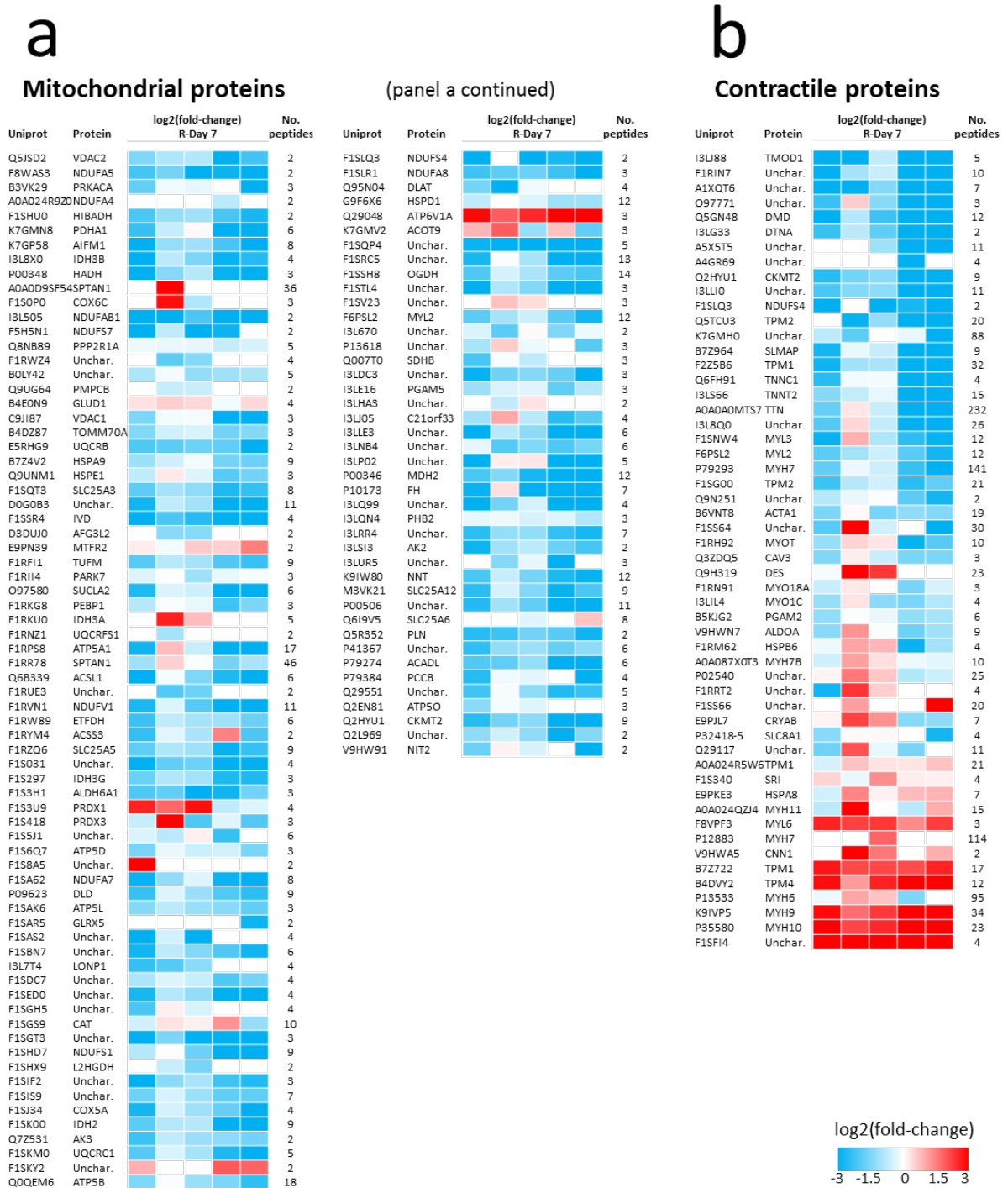
b



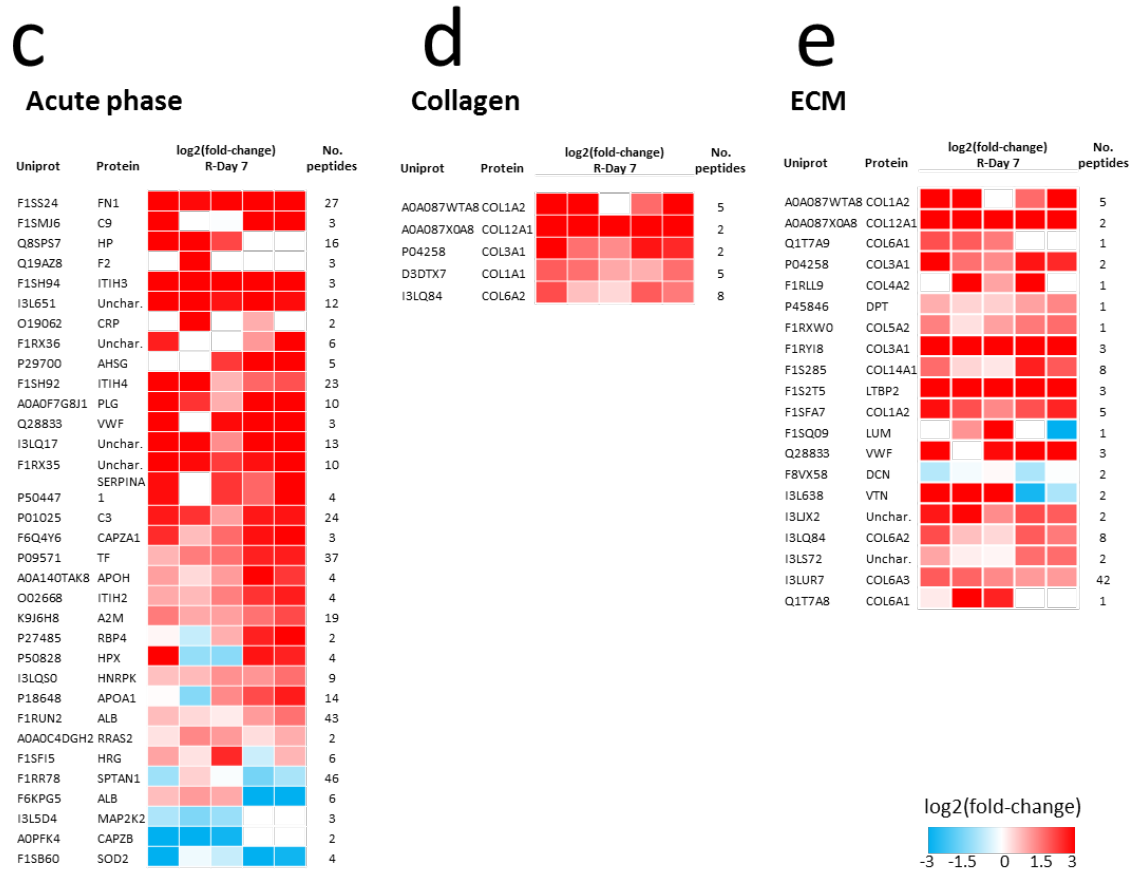
Supplementary Figure S12. Raw integrated density data before and after normalization by signal of the protein load GAPDH for each protein corresponding to WB from Figure 6a.



Supplementary Figure S13. Label-free analysis of individual proteins corresponding to (a) mitochondrial proteins, (b) contractile proteins, (c) acute phase, (d) collagen, (e) ECM, (f) proteolysis and (g) gene expression categories, represented in Figure 4d. Protein abundances are expressed as log₂ (fold-change) of the iBAQ values of 7 days after reperfusion with respect to the baseline.



Supplementary Figure S13. (continued)

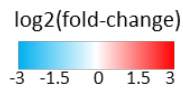


Supplementary Figure S13. (continued)

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Proteolysis

Uniprot	Protein	log2(fold-change) R-Day 7	No. peptides
K7GRY0	UBE1		2
Q9UNM7	PSMD13		1
U3KQE2	CAPNS1		2
A5D9J0	PSMB9		1
HOY586	PSMA7		1
Q865Z9	PSME1		3
Q5U0A0	PSMA5		2
Q6I871	PSMA3		1
G3V295	PSMA6		3
Q75L23	PSMC2		3
F1SMJ6	Unchar.		3
F1S790	Unchar.		3
MOR1V7	UBC		3
A5A8W8	Unchar.		14
A6YNL5	Unchar.		5
D6R974	UCHL1		2
Q29202	PSMD7		3
Q8SP57	Unchar.		16
B3KT66	PSMD6		3
D3DUJ0	AFG3L2		2
Q6IAT9	PSMB6		1
F1RHFO	Unchar.		1
Q863Z0	PSME2		3
V9HW80	VCP		4
F1SKM0	UQCRC1		5
F1SLU6	USP5		4
F1SP32	RAD23B		3
I3LFZ7	Unchar.		2
F1ST02	Unchar.		1
Q53XL8	PSMC1		4
F5GX11	PSMA1		4
I3LQ51	PSMB1		3
P01025	Unchar.		24
P37111	Unchar.		3

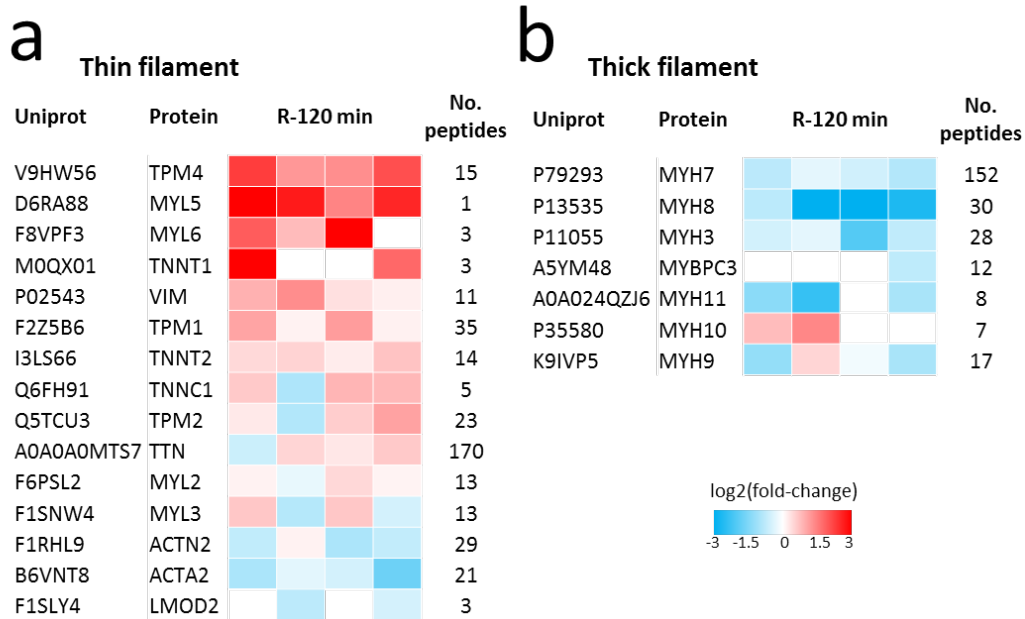


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Gene expression

Uniprot	Protein	log2(fold-change) R-Day 7	No. peptides
B3KNZ4	EIF3C		3
Q95342	RPL18		2
B4E190	ARF1		1
A0A087WXM6	RPL17		1
F1SJR1	RPSA		3
E7EQV9	RPL15		3
I3LEX0	RPS9		3
MOQZN2	RPS5		2
A0A024R5S5	EIF3J		1
A8MUD9	RPL7		3
F2Z388	RPL35		2
P49171	RPS26		2
J3KTJ8	RPL26		1
X5D7P1	RPL10		3
A0JLT9	SF3B1		4
E7EPB3	RPL14		2
E5RJX2	RPS20		2
MOR1V7	UBC		3
I3LLD5	EIF4A1		5
D6RG13	RPS3A		4
F2Z522	RPL23A		3
F1S530	RPL5		3
F1SKN5	EIF3L		4
MOR2L9	RPS19		1
Q96IR1	RPS4X		7
Q32XH3	RPL18A		1
B8ZZK4	RPL31		3
B4E1C5	HARS		3
B4DEP6	EIF4B		4
Q32Q75	EIF4E		1
K7GRF2	RPL8		3
Q9BSW5	RPS2		4
P62279	RPS13		2
Q8J015	RPL13A		1
Q29387	EEF1G		4
F1RR78	SPTAN1		46
F1RZ28	RPS10		1
I3LIW3	Unchar.		1
F1S9K5	EPRS		8
F1SD97	Unchar.		2
F1SEV8	EEF1D		2
F1SII4	GARS		4
F1SIJ5	RPL4		2
F1SNY2	RPL3		5
I3LUM9	EIF2S3		3
MOQZC5	RPS11		4
F2Z514	RPS27		3
Q8IWR8	RPL19		2
Q5JR95	RPS8		3
I3L397	EIF5A		1
F8TEL5	EIF4G1		3
G8ENL4	FUS		3
I3LI13	EEF2		12
I3LSD3	Unchar.		2
K7EJT5	RPL22		1
M3TYC1	EIF3B		2
M3TYW5	Unchar.		3
P46405	RPS12		3
P62263	RPS14		2
P62272	RPS18		4
P62424	RPL7A		5
Q2YGT9	RPL6		7
Q95281	Unchar.		1

Supplementary Figure S14. Label-free analysis of individual proteins corresponding to (a) thin filament and (b) thick filament categories represented in Figure 6b. Protein abundances are expressed as log₂ (fold-change) of the iBAQ values of 120 min after reperfusion with respect to the baseline.



SUPPLEMENTARY TABLES

Supplementary Table S1. Protein expression changes in the functionally annotated categories within cluster a.

Human equivalent Ac. No.	Accession No.	Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
Q13233	F1SLK9	PIG Uncharacterized protein MAP3K1	3.134	7.697	6.058	2.267	0.09	0.00	0.00	0.55	1
-	I3LQR9	PIG Fibrinogen alpha chain	1.343	2.49	3.618	3.539	0.89	0.23	0.03	0.11	11
-	F1RX36	PIG Fibrinogen alpha chain	0.735	2.968	4.25	3.62	0.97	0.09	0.00	0.09	4
P02675	I3L651	PIG Uncharacterized protein	1.292	2.457	3.366	3.096	0.91	0.24	0.05	0.23	27
-	Q8SPS7	PIG Haptoglobin	3.055	3.505	4.406	2.82	0.11	0.02	0.00	0.36	14
P45985	F1SS51	PIG Uncharacterized protein (Fragment) MAP2K4	2.622	3.106	3.149	2.857	0.26	0.06	0.09	0.33	1
-	P00747	HUMAN Plasminogen	1.196	4.368	3.759	1.98	0.93	0.00	0.02	0.67	1
-	P18648	PIG Apolipoprotein A-I	2.421	2.571	1.779	1.218	0.36	0.19	0.64	0.86	34
P02679	F1RX35	PIG Uncharacterized protein LOC100627396	0.533	2.086	3.775	3.548	0.99	0.40	0.02	0.11	23
P04196	F1SFI5	PIG Uncharacterized protein HRG	2.263	3.28	1.95	1.42	0.44	0.04	0.55	0.82	12
-	P27485	PIG Retinol-binding protein 4	2.456	2.319	1.927	1.476	0.34	0.30	0.55	0.81	2
-	F1S0J2	PIG Uncharacterized protein C4BPA	2.001	2.623	2.88	2.022	0.58	0.17	0.15	0.65	4
-	P08835	PIG Serum albumin	3.428	2.943	2.28	1.742	0.04	0.09	0.39	0.75	27
-	P06867	PIG Plasminogen	1.073	2.63	3.175	1.432	0.94	0.17	0.08	0.82	13
-	O19063	PIG Serum amyloid P-component	1.188	2.679	3.137	1.279	0.93	0.16	0.09	0.85	6
-	O19062	PIG C-reactive protein	1.116	3.654	4.381	1.655	0.93	0.01	0.00	0.78	7
-	P00450	HUMAN Ceruloplasmin	2.511	1.725	2.332	2.631	0.32	0.61	0.36	0.41	1
-	F1SB81	PIG Plasminogen	0.204	2.644	2.932	2.36	0.99	0.17	0.14	0.52	2

-	Q19AZ8	PIG Prothrombin	2.411	2.994	1.957	1.057	0.36	0.08	0.54	0.90	6
-	I3L818	PIG Uncharacterized protein (Fragment) SERPINF2	1.263	1.742	2.977	2.046	0.91	0.59	0.12	0.65	4
P05546	F1RKY2	PIG Uncharacterized protein SERPIND1	2.37	2.011	1.585	1.229	0.38	0.44	0.72	0.86	9
P02749	I3LGN5	PIG Uncharacterized protein (Fragment)	1.686	2.42	2.192	1.502	0.75	0.25	0.44	0.81	1
-	P02768	HUMAN Serum albumin	1.769	2.264	1.765	0.632	0.71	0.32	0.65	0.96	3
Q06033	F1SH94	PIG Uncharacterized protein ITIH3	1.577	2.157	2.131	1.644	0.79	0.37	0.46	0.78	14
-	P50390	PIG Transthyretin	2.233	1.786	1.388	0.951	0.45	0.57	0.80	0.92	7
-	F1SFI7	PIG Alpha-2-HS-glycoprotein (Fragment)	1.864	1.838	1.492	1.673	0.65	0.54	0.75	0.77	1
-	P01025	PIG Complement C3	2.501	1.593	1.876	1.685	0.32	0.67	0.58	0.77	83
-	P09571	PIG Serotransferrin	3.225	2.269	1.463	1.179	0.07	0.32	0.76	0.87	33
P01023	I3LQ17	PIG Uncharacterized protein	2.016	1.788	2.079	1.597	0.57	0.57	0.48	0.80	50
P02748	F1SMJ6	PIG Uncharacterized protein (Fragment) C9	0.764	1.829	2.012	1.352	0.97	0.55	0.51	0.83	7
-	F1S1A9	PIG Uncharacterized protein APOA2	1.175	1.666	1.865	1.51	0.92	0.64	0.59	0.81	3
P01024	I3LTB8	PIG Uncharacterized protein	1.888	1.799	1.664	1.131	0.63	0.56	0.69	0.88	2
-	P79263	PIG Inter-alpha-trypsin inhibitor heavy chain H4	1.126	2.505	1.926	3.001	0.93	0.22	0.55	0.26	39
P02751	F1SS24	PIG Uncharacterized protein FN1	0.527	0.684	1.731	2.499	0.99	0.99	0.67	0.46	63
-	Q03710	PIG Complement factor B (Fragment)	0.958	1.507	1.723	2.054	0.95	0.72	0.67	0.64	1
-	P50447	PIG Alpha-1-antitrypsin	2.605	2.139	1.561	1.19	0.27	0.38	0.73	0.87	12
-	O02668	PIG Inter-alpha-trypsin inhibitor heavy chain H2	1.779	1.37	1.427	1.103	0.70	0.80	0.78	0.89	23
-	Q0PM28	PIG Pigment epithelium-derived factor	1.395	1.762	1.394	1.491	0.87	0.58	0.80	0.81	13
-	P29700	PIG Alpha-2-HS-glycoprotein (Fragment)	2.106	1.589	1.142	1.059	0.51	0.68	0.90	0.90	4
-	P50828	PIG Hemopexin	2.261	2.028	1.929	1.59	0.44	0.44	0.55	0.80	11
-	A0PFK4	PIG F-actin capping protein subunit beta 2	0.393	0.516	1.712	2.277	0.99	1.00	0.67	0.54	1
-	F1SH92	PIG Inter-alpha-trypsin inhibitor heavy chain H4	1.076	2.146	1.711	2.697	0.94	0.38	0.67	0.40	6
-	P14477	PIG Fibrinogen beta chain (Fragment)	-0.18	1.518	1.03	1.911	0.99	0.72	0.92	0.69	1
-	Q6VPV1	PIG Complement component C5	1.127	1.588	1.7	1.062	0.93	0.68	0.67	0.90	20
-	H0YA55	HUMAN Serum albumin (Fragment)	2.347	2.004	1.349	1.456	0.39	0.45	0.82	0.82	1

-	A0PFK5	PIG Capping protein (Actin filament) muscle Z-line, alpha 1	0.62	0.74	1.517	1.459	0.98	0.99	0.75	0.82	6
-	K9J6H8	PIG Alpha-2-macroglobulin	1.728	1.975	1.262	-0.11	0.73	0.47	0.85	1.00	3
-	I3LPQ9	PIG Uncharacterized protein (Fragment) TRADD	1.369	1.023	0.517	-0.19	0.88	0.93	0.99	0.99	1
-	G3V387	HUMAN Short peptide from AAT (Fragment)	1.437	1.245	0.788	0.556	0.85	0.86	0.96	0.98	1
-	F1S0J3	PIG Uncharacterized protein C4BPB	-0.28	1.227	2.281	1.471	0.99	0.86	0.39	0.81	1
-	H9LBP0	PIG Serpin peptidase inhibitor clade D member 1 (Fragment)	0.678	1.787	1.933	0.65	0.98	0.57	0.55	0.96	2
-	F1S8T1	PIG Uncharacterized protein NOLC1	-0.16	0.42	0.606	0.905	0.99	1.01	0.98	0.92	1
-	P32394	PIG Heme oxygenase 1	0.774	0.663	1.096	1.001	0.97	0.99	0.90	0.92	7
-	P19133	PIG Ferritin light chain (Fragment)	0.082	0.413	0.555	1.553	1.00	1.01	0.98	0.80	3
-	Q28833	PIG von Willebrand factor (Fragment)	0.779	1.131	0.987	0.846	0.97	0.90	0.92	0.94	7
-	P02751	HUMAN Fibronectin	0.889	0.355	0.789	0.961	0.96	1.01	0.96	0.92	5
-	P02675	HUMAN Fibrinogen beta chain	3.779	0.632	-0.02	-0.17	0.02	0.99	1.00	0.99	2
-	Q07890	HUMAN Son of sevenless homolog 2	0.75	0.816	1.022	0.593	0.97	0.98	0.92	0.97	2
-	Q2MJK3	PIG GTPase NRas	2.217	2.09	0.313	0.064	0.46	0.40	1.00	1.00	1
-	P79335	PIG Plasminogen activator inhibitor 1	1.745	1.24	0.6	0.308	0.72	0.86	0.98	0.99	2
-	P14460	PIG Fibrinogen alpha chain (Fragment)	0.285	0.985	0.488	0.584	0.99	0.94	0.99	0.97	2
Q16539	F1RYA1	PIG Uncharacterized protein MAPK14	0.409	0.406	1.014	0.657	0.99	1.01	0.92	0.96	2
-	P01100	HUMAN Proto-oncogene c-Fos	0.723	0.362	0.213	0.692	0.97	1.01	1.00	0.96	1
-	F1RUN2	PIG Serum albumin	1.327	0.551	0.491	0.512	0.90	0.99	0.99	0.98	2
-	Q19S50	PIG Signal transducer and activator of transcription 3	0.291	-0.11	0.77	1.196	1.00	1.00	0.97	0.87	3
-	F1SA28	PIG Uncharacterized protein ECSIT	0.98	0.714	0.955	0.895	0.96	0.99	0.93	0.93	1
P27361	I3LVK2	PIG Uncharacterized protein (Fragment) MAPK3	0.585	0.463	0.676	0.198	0.98	1.00	0.97	0.99	2
-	P00736	HUMAN Complement C1r subcomponent	-0.56	0.502	0.99	0.49	0.98	1.00	0.92	0.98	1
Q15750	K7GLB8	PIG Uncharacterized protein TAB1	1.986	0.997	-0.01	0.181	0.59	0.94	1.00	0.99	1
-	P40189	HUMAN Interleukin-6 receptor subunit beta	1.899	0.249	-0.9	-1.82	0.63	1.00	0.94	0.73	1
-	A7XNS1	PIG Nuclear factor of kappa light polypeptide enhancer in B-cells 1	1.576	1.025	0.599	0.161	0.79	0.93	0.98	1.00	2
Q9Y243	K7GNL2	PIG Uncharacterized protein (Fragment) AKT3	0.696	0.681	-0.28	-0.15	0.98	0.99	1.00	1.00	1

-	A7XUJ6	PIG TNF receptor-associated factor 6	0.197	-0.65	0.55	0.873	0.99	0.99	0.98	0.93	1
P10301	F1RHW4	PIG Uncharacterized protein RRAS	0.288	0.066	0.065	0.071	1.00	1.00	1.00	1.00	5
-	P62993	HUMAN Growth factor receptor-bound protein 2	-0.41	-0.57	0.253	0.693	0.99	0.99	1.00	0.96	3
-	O97506	PIG Kallikrein	0.582	-0.7	-0.27	0.079	0.98	0.99	1.00	1.00	4
-	P04366	PIG Protein AMBP (Fragment)	0.727	0.555	0.094	-0.52	0.97	0.99	1.00	0.98	3
-	M3TYR4	PIG Mitogen-activated protein kinase kinase 3	0.085	-0.57	-0.24	-0.16	1.00	0.99	1.00	1.00	2
P61978	I3LQS0	PIG Uncharacterized protein HNRNPK	-0.99	-0.61	0.283	0.793	0.95	0.99	1.00	0.95	11
P36507	I3L5D4	PIG Uncharacterized protein MAP2K2	-0.24	-0.44	-0.05	0.155	0.99	1.00	1.00	1.00	4
-	P19823	HUMAN Inter-alpha-trypsin inhibitor heavy chain H2	-0.13	-1.14	-0.45	-0.65	0.99	0.89	0.99	0.96	1
-	Q7YRV6	PIG Suppressor of cytokine signaling 2	-0.37	-0.75	-0.28	0.012	1.00	0.99	1.00	1.00	1
-	M3V839	PIG Mitogen-activated protein kinase 3	-0.25	-0.92	-0.64	0.221	0.99	0.96	0.98	0.99	3
-	P61978	HUMAN Heterogeneous nuclear ribonucleoprotein K	-0.63	-0.69	-0.57	-0.03	0.98	0.99	0.98	1.00	4
Q02750	I3LQS6	PIG Uncharacterized protein (Fragment) MAP2K1	-0.74	-0.93	-0.17	0.036	0.97	0.96	1.00	1.00	3
-	P04150	HUMAN Glucocorticoid receptor	-0.14	-0.51	-0.55	-0.64	0.99	1.00	0.98	0.96	1
-	A9QT41	PIG Inhibitor of kappa light polypeptide gene enhancer in B-cells kinase gamma	0.087	0.011	-0.2	-0.54	1.00	1.00	1.00	0.97	2
Q07890	F1SHY0	PIG Uncharacterized protein (Fragment) SOS2	-1.17	-0.22	-0.51	-0.48	0.93	1.00	0.99	0.98	1
P02549	F1RR78	PIG Uncharacterized protein LOC100049693	-0.89	-1.12	-0.83	-0.49	0.96	0.90	0.95	0.98	148
-	P04179	HUMAN Superoxide dismutase [Mn], mitochondrial	-1.71	-0.66	-1.12	-0.92	0.74	0.99	0.90	0.92	1
-	P02792	HUMAN Ferritin light chain	-0.7	-0.91	-1.29	-1.74	0.98	0.96	0.84	0.75	1
-	P62070	HUMAN Ras-related protein R-Ras2	-0.49	0.124	-0.52	-0.82	0.99	1.00	0.99	0.94	1
-	G9BWQ1	PIG V-akt murine thymoma viral oncogene-like 1	-0.4	-0.74	-1.18	-1.34	0.99	0.99	0.88	0.83	1
-	F1RWY6	PIG Uncharacterized protein RIPK1	-1.12	-1.4	-1.69	-1.17	0.93	0.78	0.68	0.87	1
-	Q9NPH3	HUMAN Interleukin-1 receptor accessory protein	-1.28	-1.31	-1.2	-1.35	0.91	0.83	0.87	0.83	1
-	P15884	HUMAN Transcription factor 4	-1.01	-1.18	-1.46	-1.42	0.96	0.88	0.76	0.82	1
P30519	F1RK58	PIG Uncharacterized protein HMOX2	-1.18	-1.39	-1.59	-1.24	0.93	0.79	0.71	0.85	2
-	Q07889	HUMAN Son of sevenless homolog 1	-0.57	-1.03	-1.02	-2.04	0.98	0.94	0.92	0.65	1
-	Q2TAM5	HUMAN RELA protein	-1.14	-1.48	-1.18	-0.46	0.93	0.73	0.88	0.99	1

-	H0YCB4	HUMAN Transcription factor p65 (Fragment)
-	P28768	PIG Superoxide dismutase [Mn], mitochondrial (Fragment)

-1.13	-1.83	-2.34	-1.88	0.93	0.54	0.35	0.70	1
-1.42	-0.19	-1.84	-2.26	0.86	1.00	0.60	0.55	7

Human equivalent Ac. No.	Accession No.	Protein	Response to wounding								
			Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	A5D9N3	PIG Allograft inflammatory factor 1	0.716	2.363	4.097	4.459	0.97	0.27	0.01	0.01	1
-	P19619	PIG Annexin A1	0.759	3.181	3.067	2.43	0.97	0.05	0.11	0.49	16
-	Q29549	PIG Clusterin	2.275	3.807	3.763	1.741	0.43	0.01	0.02	0.75	28
-	F1S0J2	PIG Uncharacterized protein C4BPA	2.001	2.623	2.88	2.022	0.58	0.17	0.15	0.65	4
-	O19063	PIG Serum amyloid P-component	1.188	2.679	3.137	1.279	0.93	0.16	0.09	0.85	6
-	O19062	PIG C-reactive protein	1.116	3.654	4.381	1.655	0.93	0.01	0.00	0.78	7
-	F1STZ3	PIG Uncharacterized protein C1QC	2.553	2.481	2.407	1.545	0.30	0.23	0.32	0.80	1
-	Q69DL0	PIG Complement C1q subcomponent subunit A	0.889	2.606	3.095	1.688	0.96	0.18	0.10	0.76	4
-	F1SFI4	PIG Uncharacterized protein KNG1	2.032	1.954	2.013	1.727	0.57	0.48	0.51	0.75	12
-	F1SFI7	PIG Alpha-2-HS-glycoprotein (Fragment)	1.864	1.838	1.492	1.673	0.65	0.54	0.75	0.77	1
-	P01025	PIG Complement C3	2.501	1.593	1.876	1.685	0.32	0.67	0.58	0.77	83
P01023	I3LQ17	PIG Uncharacterized protein	2.016	1.788	2.079	1.597	0.57	0.57	0.48	0.80	50
P02748	F1SMJ6	PIG Uncharacterized protein (Fragment) C9	0.764	1.829	2.012	1.352	0.97	0.55	0.51	0.83	7
-	F1SGT4	PIG Uncharacterized protein CD44	1.007	2.072	2.186	1.712	0.96	0.41	0.44	0.75	3
-	F1S1A9	PIG Uncharacterized protein APOA2	1.175	1.666	1.865	1.51	0.92	0.64	0.59	0.81	3
P01024	I3LTB8	PIG Uncharacterized protein	1.888	1.799	1.664	1.131	0.63	0.56	0.69	0.88	2
-	P79263	PIG Inter-alpha-trypsin inhibitor heavy chain H4	1.126	2.505	1.926	3.001	0.93	0.22	0.55	0.26	39
-	A2SW51	PIG Monocyte differentiation antigen CD14	1.601	2.47	1.714	1.165	0.78	0.23	0.67	0.87	2
-	Q03710	PIG Complement factor B (Fragment)	0.958	1.507	1.723	2.054	0.95	0.72	0.67	0.64	1
-	P29700	PIG Alpha-2-HS-glycoprotein (Fragment)	2.106	1.589	1.142	1.059	0.51	0.68	0.90	0.90	4
-	Q9TUQ3	PIG Complement component C7	1.658	1.551	1.261	0.905	0.76	0.71	0.85	0.92	7

-	F1S790	PIG Uncharacterized protein C8B	1.473	1.677	1.526	0.922	0.84	0.64	0.74	0.92	3
-	A5A767	PIG Adaptor-related protein complex 3, beta-1 subunit	1.363	1.44	0.671	0.057	0.89	0.76	0.97	1.00	1
-	F1S643	PIG Uncharacterized protein CFH	1.275	1.343	1.466	1.189	0.91	0.81	0.76	0.87	9
-	P16050	HUMAN Arachidonate 15-lipoxygenase	1.443	1.154	1.548	1.104	0.85	0.89	0.73	0.89	1
-	F1SH92	PIG Inter-alpha-trypsin inhibitor heavy chain H4	1.076	2.146	1.711	2.697	0.94	0.38	0.67	0.40	6
-	B0LFE9	PIG Complement component 4	1.503	1.43	1.345	1.384	0.83	0.76	0.82	0.83	38
-	P01042	HUMAN Kininogen-1	3.166	2.613	0.966	0.818	0.09	0.18	0.93	0.94	1
-	Q8WMQ3	PIG CD9 antigen	0.139	1.238	2.075	1.81	0.99	0.86	0.48	0.73	1
-	Q6VPV1	PIG Complement component C5	1.127	1.588	1.7	1.062	0.93	0.68	0.67	0.90	20
-	A0SEH3	PIG Complement component C8G	1.471	1.551	1.249	0.718	0.84	0.71	0.85	0.96	5
-	Q69DK8	PIG Complement C1s subcomponent	1.744	1.63	0.966	0.578	0.72	0.66	0.93	0.97	4
-	P53714	PIG Integrin beta-2	1.232	0.766	1.018	1.091	0.91	0.99	0.92	0.89	6
-	F1SMJ1	PIG Complement component C7 (Fragment)	0.624	1.35	1.158	1.129	0.99	0.81	0.89	0.88	1
-	P51779	PIG Complement factor D	1.691	1.866	1.327	0.896	0.75	0.52	0.83	0.93	1
-	K9J6H8	PIG Alpha-2-macroglobulin	1.728	1.975	1.262	-0.11	0.73	0.47	0.85	1.00	3
-	F1SMI8	PIG Uncharacterized protein C6	0.829	1.231	1.636	1.397	0.96	0.86	0.70	0.82	2
-	A8DSD5	PIG Integrin beta	0.901	0.853	1.091	1.131	0.96	0.98	0.90	0.88	1
-	A1E295	PIG Cathepsin B	0.227	0.213	1.518	2.323	1.00	1.00	0.75	0.52	6
-	F1S0J3	PIG Uncharacterized protein C4BPB	-0.28	1.227	2.281	1.471	0.99	0.86	0.39	0.81	1
-	F1SCY4	PIG Lipase	0.648	1.198	1.039	1.48	0.98	0.87	0.92	0.81	2
-	P08758	HUMAN Annexin A5	-0.43	0.913	1.156	1.574	0.99	0.96	0.89	0.80	3
-	P0COL4	HUMAN Complement C4-A	-0.26	0.046	0.268	1.351	0.99	1.00	1.00	0.83	1
-	P52649	PIG Cytochrome b-245 heavy chain (Fragment)	0.899	1.093	0.834	0.424	0.96	0.91	0.95	0.99	3
-	A8DNU5	PIG Integrin alpha-L	1.129	1.135	0.806	0.609	0.93	0.90	0.96	0.97	2
-	F1STZ1	PIG Uncharacterized protein C1QB	-0.17	0.685	1.641	0.911	0.99	0.99	0.69	0.92	3
P02461	F1RYI8	PIG Uncharacterized protein COL3A1	-0	0.042	1.021	1.81	1.00	1.00	0.92	0.73	7
P20908	F1S021	PIG Uncharacterized protein (Fragment) COL5A1	-0.29	0.554	1.014	1.412	1.00	0.99	0.91	0.82	5

-	P04264	HUMAN Keratin, type II cytoskeletal 1	0.218	0.721	-0.2	-0.19	0.99	0.99	1.00	0.99	20
-	P33076	HUMAN MHC class II transactivator	-0.67	0.343	1.249	1.991	0.98	1.01	0.85	0.67	1
-	F2Z5C1	PIG Annexin	0.034	0.464	0.801	1.337	1.00	1.00	0.96	0.83	19
-	F1S1G8	PIG Amine oxidase	-0	0.502	0.547	0.493	1.00	1.00	0.98	0.98	9
-	P02461	HUMAN Collagen alpha-1(III) chain	-1.32	0.97	0.332	1.023	0.90	0.95	0.99	0.91	2
P04264	F1SGG3	PIG Uncharacterized protein KRT1	0.476	0.536	-0.37	-0.11	0.99	0.99	0.99	1.00	7
-	F1SBN9	PIG Uncharacterized protein ADORA3	0.671	0.235	0.997	0.764	0.98	1.00	0.92	0.95	1
-	A0SEH0	PIG Complement component C6	0.592	0.5	0.728	0.5	0.99	1.00	0.97	0.98	7
-	P00736	HUMAN Complement C1r subcomponent	-0.56	0.502	0.99	0.49	0.98	1.00	0.92	0.98	1
P49257	F1SMS8	PIG Uncharacterized protein LMAN1	0.099	0.197	0.561	0.644	1.00	1.00	0.98	0.96	7
-	P16469	PIG Arachidonate 15-lipoxygenase	1.269	1.138	0.615	-0.18	0.91	0.89	0.98	0.99	4
-	Q767L0	PIG ATP-binding cassette sub-family F member 1	-0.18	-0.33	0.205	0.495	0.99	1.00	1.00	0.98	3
-	F1RW73	PIG Uncharacterized protein BMP6	0.796	-0.07	0.367	0.204	0.96	1.00	1.00	0.99	1
-	P81076	PIG Allograft inflammatory factor 1	0.136	-0.1	0.345	0.919	0.99	1.00	0.99	0.92	2
-	Q2VL90	PIG Scavenger receptor cysteine-rich type 1 protein M130	-0.23	-0.35	0.27	0.563	1.00	1.01	1.00	0.97	4
P07357	F1S788	PIG Uncharacterized protein (Fragment) C8A	0.717	0.082	0.21	0.226	0.97	1.00	1.00	0.99	5
-	O75882	HUMAN Attractin	0.276	-0.36	-0.27	-0.75	0.99	1.01	1.00	0.96	1
-	O97506	PIG Kallikrein	0.582	-0.7	-0.27	0.079	0.98	0.99	1.00	1.00	4
-	Q95N02	PIG Cysteinyl leukotriene receptor 1	0.124	0.323	-0.54	-0.79	0.99	1.00	0.98	0.95	1
-	A5A774	PIG Hermansky-Pudlak syndrome 5 protein	0.082	0.574	-1.03	-0.74	1.00	0.99	0.92	0.96	1
-	B3STX8	PIG Thrombomodulin	-0.98	0.127	0.581	0.711	0.96	1.00	0.98	0.96	1
P55268	F1SPT5	PIG Uncharacterized protein LAMB2	-0.01	-0.19	-0.3	-0.37	1.00	1.00	1.00	0.99	25
-	P09917	HUMAN Arachidonate 5-lipoxygenase	0.322	0.326	-0.37	-0.91	1.00	1.00	0.99	0.92	1
-	P15924	HUMAN Desmoplakin	1.216	-0.12	-0.84	-0.82	0.92	1.00	0.95	0.94	2
-	K7GL02	PIG ATP-binding cassette sub-family F member 1	-0.99	-1.19	-0.74	0.742	0.96	0.88	0.97	0.96	1
Q9C0E8	F1RZH8	PIG Uncharacterized protein KIAA1715	0.099	-0.9	-0.49	-0.03	1.00	0.97	0.99	1.00	1
-	Q197W4	PIG Cyclin-dependent kinase 5	-0.85	-1.02	-0.62	-0.04	0.96	0.94	0.98	1.00	1

-	P20908	HUMAN Collagen alpha-1(V) chain	-1.42	-0.7	-0.56	0.256	0.86	0.99	0.98	0.99	1
-	P55268	HUMAN Laminin subunit beta-2	-0.84	-0.83	-0.69	-0.61	0.96	0.98	0.97	0.97	5
Q16352	F1S847	PIG Uncharacterized protein INA	-0.85	-1.24	-0.46	-0.48	0.96	0.86	0.99	0.98	1
-	Q3HUX1	PIG Fatty acid translocase/CD36	-0.69	-0.18	-0.77	-0.95	0.98	1.00	0.97	0.92	8
-	I3L6A5	PIG Uncharacterized protein CHST2	1.425	-1.27	-1.07	-0.75	0.86	0.85	0.91	0.96	1
-	G9BWQ1	PIG V-akt murine thymoma viral oncogene-like 1	-0.4	-0.74	-1.18	-1.34	0.99	0.99	0.88	0.83	1
P15924	F1RW75	PIG Uncharacterized protein DSP	-1.55	-2.08	-1.37	-1.1	0.81	0.40	0.81	0.89	75
-	Q9NPH3	HUMAN Interleukin-1 receptor accessory protein	-1.28	-1.31	-1.2	-1.35	0.91	0.83	0.87	0.83	1
-	I3LDH5	PIG Uncharacterized protein AOX1	-1.34	-1.73	-1.47	-1.82	0.89	0.61	0.76	0.73	1
-	F1SJM8	PIG Uncharacterized protein IGSF10	-1.24	-1.07	-1.68	-1.81	0.91	0.92	0.69	0.73	1
P35367	F1SQA5	PIG Uncharacterized protein HRH1	-2.84	-2.92	-2.12	-1.43	0.17	0.09	0.46	0.82	1
-	P22301	HUMAN Interleukin-10	-2.96	-3.56	-3.03	-2.36	0.13	0.02	0.11	0.52	1

Human equivalent Ac. No.	Accession No.	Protein	Adhesion of blood cells								No. peptides
			Zq (log2 FC)				FDR				
			120	1	4	7	120	1	4	7	
-	P27917	PIG Apolipoprotein C-III	2.024	6.07	4.55	1.409	0.57	0.00	0.00	0.82	7
-	I3LQR9	PIG Fibrinogen alpha chain	1.343	2.49	3.618	3.539	0.89	0.23	0.03	0.11	11
-	F1RX36	PIG Fibrinogen alpha chain	0.735	2.968	4.25	3.62	0.97	0.09	0.00	0.09	4
-	P19619	PIG Annexin A1	0.759	3.181	3.067	2.43	0.97	0.05	0.11	0.49	16
-	Q06AU2	PIG Ras-related protein Rap-2a	2.086	2.385	2.384	1.985	0.53	0.27	0.33	0.67	2
-	O19063	PIG Serum amyloid P-component	1.188	2.679	3.137	1.279	0.93	0.16	0.09	0.85	6
-	O19062	PIG C-reactive protein	1.116	3.654	4.381	1.655	0.93	0.01	0.00	0.78	7
-	A7WPA5	PIG P-selectin glycoprotein ligand 1 propeptide	1.192	5.124	4.126	1.264	0.93	0.00	0.01	0.85	1
-	Q19AZ8	PIG Prothrombin	2.411	2.994	1.957	1.057	0.36	0.08	0.54	0.90	6
-	K7ZJP7	PIG IgM heavy chain constant region (Fragment)	1.687	2.275	3.188	1.567	0.75	0.32	0.08	0.80	12
-	C3S7K6	PIG Calcium-binding protein A9	0.956	4.087	2.718	0.47	0.95	0.00	0.21	0.98	7

-	P14632	PIG Lactotransferrin	2.049	4.138	2.116	-0.21	0.55	0.00	0.46	0.99	16
P02749	I3LGN5	PIG Uncharacterized protein (Fragment)	1.686	2.42	2.192	1.502	0.75	0.25	0.44	0.81	1
-	P18650	PIG Apolipoprotein E	0.934	3.405	3.194	1.376	0.96	0.03	0.08	0.83	25
-	P01025	PIG Complement C3	2.501	1.593	1.876	1.685	0.32	0.67	0.58	0.77	83
P01023	I3LQ17	PIG Uncharacterized protein	2.016	1.788	2.079	1.597	0.57	0.57	0.48	0.80	50
-	K7GR72	PIG Uncharacterized protein SLC4A1	0.625	3.504	3.243	0.672	0.98	0.02	0.07	0.96	14
-	F1SGT4	PIG Uncharacterized protein CD44	1.007	2.072	2.186	1.712	0.96	0.41	0.44	0.75	3
-	Q9GLP2	PIG Vitamin K-dependent protein C	1.425	1.189	1.521	1.181	0.86	0.88	0.74	0.87	6
P01024	I3LTB8	PIG Uncharacterized protein	1.888	1.799	1.664	1.131	0.63	0.56	0.69	0.88	2
-	K9IVW2	PIG Integrin alpha-X	1.852	1.931	1.32	0.69	0.66	0.49	0.83	0.96	1
-	A2SW51	PIG Monocyte differentiation antigen CD14	1.601	2.47	1.714	1.165	0.78	0.23	0.67	0.87	2
P02751	F1SS24	PIG Uncharacterized protein FN1	0.527	0.684	1.731	2.499	0.99	0.99	0.67	0.46	63
-	P05109	HUMAN Protein S100-A8	-0.72	-0.47	0.445	1.595	0.97	1.00	0.99	0.80	1
-	I3LK80	PIG Uncharacterized protein ELANE	1.15	1.925	1.315	0.759	0.93	0.49	0.83	0.96	2
-	F1RM45	PIG Apolipoprotein E	0.448	2.486	2.694	0.54	0.99	0.22	0.21	0.97	2
-	P06702	HUMAN Protein S100-A9	0.489	1.245	0.759	0.297	0.98	0.86	0.97	0.99	2
-	Q15848	HUMAN Adiponectin	0.918	0.866	1.13	2.405	0.96	0.97	0.90	0.51	1
-	Q6VPV1	PIG Complement component C5	1.127	1.588	1.7	1.062	0.93	0.68	0.67	0.90	20
-	P09326	HUMAN CD48 antigen	1.59	1.68	0.139	0.332	0.78	0.64	1.00	0.99	1
-	P02788	HUMAN Lactotransferrin	1.665	1.629	1.164	0.709	0.76	0.66	0.88	0.96	1
-	P53714	PIG Integrin beta-2	1.232	0.766	1.018	1.091	0.91	0.99	0.92	0.89	6
P23284	I3LUC8	PIG Uncharacterized protein LOC100154783	0.172	0.475	1.321	2.136	0.99	1.00	0.83	0.59	10
-	K9J6H8	PIG Alpha-2-macroglobulin	1.728	1.975	1.262	-0.11	0.73	0.47	0.85	1.00	3
-	A8DS5	PIG Integrin beta	0.901	0.853	1.091	1.131	0.96	0.98	0.90	0.88	1
-	F1SIW0	PIG Uncharacterized protein STAB1	1.787	1.642	1.45	0.314	0.70	0.65	0.77	0.99	2
-	O46409	PIG Apolipoprotein A-IV	1.573	1.955	0.882	0.361	0.80	0.47	0.94	0.99	30
P00742	F1RN41	PIG Uncharacterized protein F10	0.768	1.64	1.585	0.785	0.97	0.65	0.72	0.95	5

-	F1RMJ0	PIG Tyrosine-protein kinase	2.761	2.319	0.721	0.688	0.20	0.29	0.97	0.96	2
-	A7WLI1	PIG CD81	1.053	0.875	0.751	0.913	0.95	0.97	0.97	0.92	1
Q86UX7	F1RQ01	PIG Uncharacterized protein FERMT3	0.785	1.243	1.309	0.999	0.96	0.86	0.83	0.92	8
-	Q8WMN8	PIG Lactoferrin (Fragment)	1.302	1.583	0.573	0.107	0.90	0.68	0.98	1.00	2
-	F1SJT7	PIG Apolipoprotein A-IV	1.4	1.571	1.016	0.37	0.87	0.69	0.91	0.99	1
-	A3EX84	PIG Galectin	-0.59	0.06	1.552	2.42	0.99	1.00	0.73	0.50	4
-	O14746	HUMAN Telomerase reverse transcriptase	1.55	1.253	1.069	0.831	0.81	0.85	0.91	0.94	3
-	Q28833	PIG von Willebrand factor (Fragment)	0.779	1.131	0.987	0.846	0.97	0.90	0.92	0.94	7
-	P02751	HUMAN Fibronectin	0.889	0.355	0.789	0.961	0.96	1.01	0.96	0.92	5
-	A8DNU5	PIG Integrin alpha-L	1.129	1.135	0.806	0.609	0.93	0.90	0.96	0.97	2
-	F1S0A2	PIG Peptidyl-prolyl cis-trans isomerase	0.431	0.594	1.111	1.337	0.99	0.99	0.91	0.83	4
-	F1RJ33	PIG Galectin	0.297	0.696	1.08	0.778	1.00	0.99	0.91	0.95	2
-	P14460	PIG Fibrinogen alpha chain (Fragment)	0.285	0.985	0.488	0.584	0.99	0.94	0.99	0.97	2
-	Q9GKE8	PIG Leukocyte surface antigen CD47	0.301	0.591	0.921	0.421	1.00	0.99	0.93	0.99	1
Q96S97	F1RNK3	PIG Uncharacterized protein LOC100519316	0.722	0.671	0.455	0.593	0.97	0.99	0.99	0.97	3
-	P14287	PIG Osteopontin	0.038	0.042	0.493	1.487	1.00	1.00	0.99	0.81	6
-	A0AVL1	HUMAN ADAM9 protein	0.083	0.02	0.376	1.285	1.00	1.00	0.99	0.85	1
-	P31146	HUMAN Coronin-1A	-0.49	0.502	0.76	0.4	0.99	1.00	0.97	0.99	1
-	P52552	PIG Peroxiredoxin-2 (Fragment)	-0.79	1.34	1.782	0.596	0.96	0.81	0.64	0.97	8
-	P26042	PIG Moesin	-0.49	-0.18	0.731	1.353	0.99	1.00	0.97	0.83	46
-	F1S1G8	PIG Amine oxidase	-0	0.502	0.547	0.493	1.00	1.00	0.98	0.98	9
-	F1SCN0	PIG Uncharacterized protein (Fragment) VAV1	0.476	0.675	0.851	0.645	0.99	0.99	0.95	0.96	1
O95267	F1SS17	PIG Uncharacterized protein RASGRP1	0.988	0.173	0.75	0.798	0.95	1.00	0.97	0.95	2
-	F1RTN3	PIG Moesin	-0.33	-0.35	0.604	1.164	1.00	1.01	0.98	0.87	3
-	P40189	HUMAN Interleukin-6 receptor subunit beta	1.899	0.249	-0.9	-1.82	0.63	1.00	0.94	0.73	1
-	F1SAX5	PIG Uncharacterized protein (Fragment) CD58	2.079	0.677	-0.02	-0.16	0.53	0.99	1.00	1.00	1
-	Q9GLP0	PIG Integrin beta-1	0.19	0.551	0.363	0.497	0.99	0.99	1.00	0.98	12

-	Q9NNX6	HUMAN CD209 antigen	0.222	-0.08	0.229	0.304	0.99	1.00	1.00	0.99	1
-	Q8WMN7	PIG Plasma phospholipid transfer protein	1.009	1.557	0.049	-0.38	0.96	0.70	1.00	0.99	1
-	Q8SQC1	PIG Scavenger receptor class B member 1	-0.01	0.204	0.256	0.59	1.00	1.00	1.00	0.97	1
-	Q9UEW3	HUMAN Macrophage receptor MARCO	0.1	-0.04	0.268	0.499	1.00	1.00	1.00	0.98	1
P63000	I3LFI0	PIG Uncharacterized protein (Fragment) RAC1	0.262	-0.24	0.024	0.243	0.99	1.00	1.00	0.99	3
-	F1STD6	PIG Tyrosine-protein kinase	-0.56	-0.03	0.106	1.004	0.98	1.00	1.00	0.92	1
-	O75882	HUMAN Attractin	0.276	-0.36	-0.27	-0.75	0.99	1.01	1.00	0.96	1
-	K7GS51	PIG Uncharacterized protein (Fragment) ITGA1	0.839	0.124	-0.4	-0.61	0.96	1.00	1.00	0.97	2
Q12846	F1RIR2	PIG Uncharacterized protein STX4	-0.8	-0.24	-0.22	-0.07	0.96	1.00	1.00	1.00	2
-	P82460	PIG Thioredoxin	-1.19	-0.21	0.568	0.916	0.93	1.00	0.98	0.92	4
-	Q95242	PIG Platelet endothelial cell adhesion molecule	0.074	-0.02	-0.33	0.095	1.00	1.00	1.00	1.00	4
-	F1RYZ1	PIG Uncharacterized protein CD151	-1.39	-0.49	-0.1	0.537	0.87	1.00	1.00	0.97	1
-	F1RIS5	PIG Uncharacterized protein (Fragment) ITGAM	-1.35	-0.53	-0.1	0.314	0.89	1.00	1.00	0.99	1
-	I3LR17	PIG Uncharacterized protein CORO1A	-0.46	-1.08	-0.95	0.639	0.99	0.91	0.93	0.96	1
-	P21980	HUMAN Protein-glutamine gamma-glutamyltransferase 2	-1.81	-1.81	-0.37	0.689	0.69	0.56	0.99	0.96	1
P15311	F1SB42	PIG Uncharacterized protein (Fragment) EZR	-1.1	-0.83	-0.25	-0.06	0.94	0.98	1.00	1.00	13
Q02750	I3LQS6	PIG Uncharacterized protein (Fragment) MAP2K1	-0.74	-0.93	-0.17	0.036	0.97	0.96	1.00	1.00	3
-	P55058	HUMAN Phospholipid transfer protein	-0.32	-0.85	-0.97	-0.57	1.00	0.98	0.93	0.97	1
P02549	F1RR78	PIG Uncharacterized protein LOC100049693	-0.89	-1.12	-0.83	-0.49	0.96	0.90	0.95	0.98	148
P21980	F1SDX6	PIG Uncharacterized protein TGM2	-1.63	-1.82	-0.77	-0.02	0.77	0.55	0.97	1.00	26
-	P15311	HUMAN Ezrin	-1.58	-1.68	-0.19	0.474	0.79	0.64	1.00	0.98	4
-	O15230	HUMAN Laminin subunit alpha-5	-1.81	-1.37	-0.28	0.013	0.69	0.80	1.00	1.00	3
-	Q3HUX1	PIG Fatty acid translocase/CD36	-0.69	-0.18	-0.77	-0.95	0.98	1.00	0.97	0.92	8
-	P56524	HUMAN Histone deacetylase 4	-0.33	-0.9	-1.41	-1.37	1.00	0.97	0.79	0.83	1
-	F1S430	PIG Uncharacterized protein (Fragment) LOC100525578	-0.4	-0.9	-1.67	-1.27	0.99	0.97	0.69	0.85	1
-	Q9N1X4	PIG Pulmonary surfactant-associated protein D	-1.81	-1.04	-1.32	-1.06	0.69	0.93	0.83	0.90	1
-	Q2TAM5	HUMAN RELA protein	-1.14	-1.48	-1.18	-0.46	0.93	0.73	0.88	0.99	1

-	F1S2E3	PIG Peptidyl-prolyl cis-trans isomerase
-	H0YCB4	HUMAN Transcription factor p65 (Fragment)
-	P22301	HUMAN Interleukin-10

-0.98	-1.2	-2.11	-1.65	0.96	0.87	0.47	0.77	7
-1.13	-1.83	-2.34	-1.88	0.93	0.54	0.35	0.70	1
-2.96	-3.56	-3.03	-2.36	0.13	0.02	0.11	0.52	1

Human equivalent Ac. No.	Accession No.	Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	I3LQR9	PIG Fibrinogen alpha chain	1.343	2.49	3.618	3.539	0.89	0.23	0.03	0.11	11
-	F1RX36	PIG Fibrinogen alpha chain	0.735	2.968	4.25	3.62	0.97	0.09	0.00	0.09	4
P02675	I3L651	PIG Uncharacterized protein	1.292	2.457	3.366	3.096	0.91	0.24	0.05	0.23	27
-	P00747	HUMAN Plasminogen	1.196	4.368	3.759	1.98	0.93	0.00	0.02	0.67	1
P11940	F1RPL9	PIG Uncharacterized protein LOC100525442	3.048	2.503	2.287	2.18	0.11	0.22	0.38	0.59	1
-	P06867	PIG Plasminogen	1.073	2.63	3.175	1.432	0.94	0.17	0.08	0.82	13
-	F1SB81	PIG Plasminogen	0.204	2.644	2.932	2.36	0.99	0.17	0.14	0.52	2
-	Q19AZ8	PIG Prothrombin	2.411	2.994	1.957	1.057	0.36	0.08	0.54	0.90	6
-	P06396	HUMAN Gelsolin	1.931	3.018	2.411	1.575	0.61	0.08	0.32	0.81	1
-	P20305	PIG Gelsolin (Fragment)	0.639	3.032	2.689	1.409	0.98	0.07	0.21	0.82	25
-	Q9GLP2	PIG Vitamin K-dependent protein C	1.425	1.189	1.521	1.181	0.86	0.88	0.74	0.87	6
-	Q99075	HUMAN Proheparin-binding EGF-like growth factor	1.717	2.162	1.556	0.042	0.73	0.37	0.73	1.00	1
P02751	F1SS24	PIG Uncharacterized protein FN1	0.527	0.684	1.731	2.499	0.99	0.99	0.67	0.46	63
-	K7GQL2	PIG Coagulation factor XIII, A1 polypeptide	1.041	1.609	2.174	1.22	0.95	0.67	0.44	0.86	3
-	P14477	PIG Fibrinogen beta chain (Fragment)	-0.18	1.518	1.03	1.911	0.99	0.72	0.92	0.69	1
-	Q02297	HUMAN Pro-neuregulin-1, membrane-bound isoform	0.258	2.377	1.5	0.9	0.99	0.27	0.75	0.92	1
-	Q9GLP1	PIG Coagulation factor V	1.122	1.457	1.776	0.899	0.93	0.74	0.64	0.92	9
-	P16293	PIG Coagulation factor IX (Fragment)	1.951	1.716	1.332	1.102	0.61	0.61	0.83	0.89	2
-	P50440	HUMAN Glycine amidinotransferase, mitochondrial	1.325	0.561	0.836	0.736	0.90	0.99	0.95	0.96	1
P00742	F1RN41	PIG Uncharacterized protein F10	0.768	1.64	1.585	0.785	0.97	0.65	0.72	0.95	5

-	P32394	PIG Heme oxygenase 1	0.774	0.663	1.096	1.001	0.97	0.99	0.90	0.92	7
-	P02751	HUMAN Fibronectin	0.889	0.355	0.789	0.961	0.96	1.01	0.96	0.92	5
-	P02675	HUMAN Fibrinogen beta chain	3.779	0.632	-0.02	-0.17	0.02	0.99	1.00	0.99	2
P07225	I3LQM5	PIG Uncharacterized protein PROS1	0.885	1.705	1.293	0.299	0.96	0.62	0.84	0.99	6
-	P14460	PIG Fibrinogen alpha chain (Fragment)	0.285	0.985	0.488	0.584	0.99	0.94	0.99	0.97	2
-	P37176	PIG Endoglin	1.135	1.103	0.629	0.132	0.93	0.90	0.98	1.00	3
-	A5A770	PIG Dystrobrevin-binding protein 1	1.105	1.724	0.695	-0.58	0.94	0.61	0.97	0.97	1
P17677	I3LTW2	PIG Uncharacterized protein (Fragment) GAP43	0.044	-0.37	0.179	0.711	1.00	1.01	1.00	0.96	1
-	Q8MJ14	PIG Glutathione peroxidase 1	0.36	0.465	0.562	0.734	1.00	1.00	0.98	0.96	8
Q9UBX5	F1SD87	PIG Uncharacterized protein (Fragment) FBLN5	0.313	0.297	0.011	0.041	1.00	1.00	1.00	1.00	6
-	O97506	PIG Kallikrein	0.582	-0.7	-0.27	0.079	0.98	0.99	1.00	1.00	4
-	J9JIL1	PIG Guanine nucleotide-binding protein G(q) subunit alpha (Fragment)	0.941	-0.17	-0.22	-0.16	0.96	1.00	1.00	1.00	2
-	B3STX8	PIG Thrombomodulin	-0.98	0.127	0.581	0.711	0.96	1.00	0.98	0.96	1
O75923	F1SLE7	PIG Uncharacterized protein LOC100522732	0.158	0.306	-0.09	-0.24	0.99	1.00	1.00	0.99	7
P0CB38	F1SV06	PIG Uncharacterized protein PABPC4	-0.69	-0.99	-0.12	0.081	0.98	0.94	1.00	1.00	10
Q14344	F1RV20	PIG Uncharacterized protein GNA13	0.845	0.073	-0.51	-0.72	0.96	1.00	0.99	0.96	1
-	I3L6Q6	PIG Uncharacterized protein (Fragment) F13B	-0.18	-0.5	-0.69	-1.08	0.99	1.00	0.97	0.89	1
-	E5RI09	HUMAN Beta-enolase (Fragment)	-1.49	-0.5	-0.78	-0.49	0.83	1.00	0.96	0.98	1
-	Q1KYT0	PIG Beta-enolase	-2.2	-3.1	-2.23	-1.85	0.46	0.07	0.41	0.72	30
-	P55085	HUMAN Proteinase-activated receptor 2	-4.54	-4.45	-2.73	-2.22	0.00	0.00	0.20	0.57	1

Human equivalent Ac. No.	Accession No.	Protein	Production of NO and ROS								No. peptides
			Zq (log2 FC)				FDR				
			120	1	4	7	120	1	4	7	
Q13233	F1SLK9	PIG Uncharacterized protein MAP3K1	3.134	7.697	6.058	2.267	0.09	0.00	0.00	0.55	1
-	P27917	PIG Apolipoprotein C-III	2.024	6.07	4.55	1.409	0.57	0.00	0.00	0.82	7
P45985	F1SS51	PIG Uncharacterized protein (Fragment) MAP2K4	2.622	3.106	3.149	2.857	0.26	0.06	0.09	0.33	1

-	P18648	PIG Apolipoprotein A-I	2.421	2.571	1.779	1.218	0.36	0.19	0.64	0.86	34
-	P27485	PIG Retinol-binding protein 4	2.456	2.319	1.927	1.476	0.34	0.30	0.55	0.81	2
-	Q29549	PIG Clusterin	2.275	3.807	3.763	1.741	0.43	0.01	0.02	0.75	28
-	P08835	PIG Serum albumin	3.428	2.943	2.28	1.742	0.04	0.09	0.39	0.75	27
-	P18650	PIG Apolipoprotein E	0.934	3.405	3.194	1.376	0.96	0.03	0.08	0.83	25
-	P02768	HUMAN Serum albumin	1.769	2.264	1.765	0.632	0.71	0.32	0.65	0.96	3
-	F1SLB7	PIG Uncharacterized protein (Fragment) APOF	1.618	3.517	2.547	0.787	0.77	0.02	0.26	0.95	3
P05090	F1SQX9	PIG Uncharacterized protein APOD	1.326	2.504	2.021	0.443	0.90	0.22	0.51	0.99	3
-	F1S1A9	PIG Uncharacterized protein APOA2	1.175	1.666	1.865	1.51	0.92	0.64	0.59	0.81	3
-	P05109	HUMAN Protein S100-A8	-0.72	-0.47	0.445	1.595	0.97	1.00	0.99	0.80	1
-	P50447	PIG Alpha-1-antitrypsin	2.605	2.139	1.561	1.19	0.27	0.38	0.73	0.87	12
P05164	K7GRV6	PIG Uncharacterized protein MPO	0.927	2.497	1.746	0.327	0.96	0.22	0.66	0.99	10
-	F1RM45	PIG Apolipoprotein E	0.448	2.486	2.694	0.54	0.99	0.22	0.21	0.97	2
-	I3LKA3	PIG Tyrosine-protein phosphatase non-receptor type	1.015	1.107	1.491	1.248	0.96	0.90	0.75	0.86	7
-	Q06190	HUMAN Serine/threonine-protein phosphatase 2A regulatory subunit B	0.307	0.171	0.421	-0.15	1.00	1.00	1.00	1.00	1
P04114	I3LKZ1	PIG Uncharacterized protein	0.847	1.018	1.486	1.379	0.96	0.93	0.75	0.83	16
P04114	F1SCV8	PIG Uncharacterized protein (Fragment)	1.058	1.399	1.319	1.01	0.95	0.78	0.83	0.92	25
-	Q02779	HUMAN Mitogen-activated protein kinase kinase kinase 10	1.335	1.343	1.513	1.259	0.90	0.81	0.75	0.85	1
-	H0YA55	HUMAN Serum albumin (Fragment)	2.347	2.004	1.349	1.456	0.39	0.45	0.82	0.82	1
-	Q06AT6	PIG RHOG	0.201	0.185	1.47	1.842	0.99	1.00	0.76	0.72	5
P84095	I3L725	PIG Uncharacterized protein RHOG	1.999	1.423	1.208	0.98	0.58	0.77	0.86	0.92	2
-	P08134	HUMAN Rho-related GTP-binding protein RhoC	-0.05	0.073	1.388	2.004	1.00	1.00	0.80	0.66	3
-	A4US67	PIG Paraoxonase	1.488	1.378	0.988	0.053	0.83	0.79	0.92	1.00	6
-	Q764M5	PIG Signal transducer and activator of transcription 1	1.111	0.314	0.849	0.971	0.94	1.00	0.95	0.92	14
Q06190	F1SL86	PIG Uncharacterized protein (Fragment)	0.899	0.742	0.986	1.021	0.96	0.99	0.92	0.91	1
-	O46409	PIG Apolipoprotein A-IV	1.573	1.955	0.882	0.361	0.80	0.47	0.94	0.99	30
-	G3V387	HUMAN Short peptide from AAT (Fragment)	1.437	1.245	0.788	0.556	0.85	0.86	0.96	0.98	1

-	B1PK10	PIG Neutrophil cytosolic factor 2	0.655	0.294	0.982	0.781	0.98	1.00	0.93	0.95	1
-	Q2LE37	PIG Apolipoprotein M	0.955	0.951	1.121	0.566	0.95	0.95	0.91	0.97	2
-	F1SJ7	PIG Apolipoprotein A-IV	1.4	1.571	1.016	0.37	0.87	0.69	0.91	0.99	1
-	P52649	PIG Cytochrome b-245 heavy chain (Fragment)	0.899	1.093	0.834	0.424	0.96	0.91	0.95	0.99	3
P35580	F1SSA6	PIG Uncharacterized protein (Fragment) LOC396903	0.245	0.275	0.559	1.388	0.99	1.00	0.98	0.83	70
-	Q29021	PIG Apolipoprotein B (Fragment)	1.063	0.566	0.926	0.508	0.95	0.99	0.93	0.98	12
Q15257	F1RR44	PIG Uncharacterized protein PPP2R4	1.322	0.353	0.595	0.763	0.90	1.01	0.98	0.96	3
-	I3LR85	PIG Protein kinase C delta type	0.06	0.027	0.998	1.286	1.00	1.00	0.92	0.85	1
Q16539	F1RYA1	PIG Uncharacterized protein MAPK14	0.409	0.406	1.014	0.657	0.99	1.01	0.92	0.96	2
-	P01100	HUMAN Proto-oncogene c-Fos	0.723	0.362	0.213	0.692	0.97	1.01	1.00	0.96	1
-	F1RUN2	PIG Serum albumin	1.327	0.551	0.491	0.512	0.90	0.99	0.99	0.98	2
Q14204	F1S9Y5	PIG Uncharacterized protein (Fragment) PPP2R5C	0.452	0.862	0.666	0.665	0.99	0.97	0.97	0.96	1
-	F1S659	PIG Uncharacterized protein NCF2	1.325	0.85	0.125	0.065	0.90	0.98	1.00	1.00	1
P27361	I3LVK2	PIG Uncharacterized protein (Fragment) MAPK3	0.585	0.463	0.676	0.198	0.98	1.00	0.97	0.99	2
-	P79275	PIG Rho A (Fragment)	0.67	0.219	0.385	0.604	0.98	1.00	0.99	0.97	1
-	A5GFQ9	PIG Protein phosphatase 2, regulatory subunit B (B56), delta isoform	0.891	0.816	0.505	0.344	0.96	0.98	0.99	0.99	2
-	P61224	HUMAN Ras-related protein Rap-1b	0.293	0.069	0.337	0.642	1.00	1.00	0.99	0.96	2
-	I3L9F5	PIG Uncharacterized protein (Fragment) PCYOX1	1.002	0.955	0.314	-0.23	0.96	0.95	1.00	0.99	7
-	A6XAC5	PIG Protein phosphatase 2A regulatory subunit B B56 alpha isoform	1.561	0.772	0.778	0.631	0.80	0.98	0.97	0.96	1
-	H7C118	HUMAN Protein phosphatase 1 regulatory subunit 7 (Fragment)	0.318	0.265	0.709	1.439	1.00	1.00	0.97	0.82	1
-	F1SGS9	PIG Catalase	0.558	1.08	0.893	0.246	0.98	0.91	0.94	0.99	3
-	K7GLE0	PIG Uncharacterized protein NCF4	1.177	0.096	-0.13	-0.58	0.92	1.00	1.00	0.97	2
-	A7XNS1	PIG Nuclear factor of kappa light polypeptide enhancer in B-cells 1	1.576	1.025	0.599	0.161	0.79	0.93	0.98	1.00	2
Q9Y243	K7GNL2	PIG Uncharacterized protein (Fragment) AKT3	0.696	0.681	-0.28	-0.15	0.98	0.99	1.00	1.00	1
-	O62839	PIG Catalase	-0.09	1.227	0.904	-0.01	1.00	0.86	0.93	1.00	18
-	Q15435	HUMAN Protein phosphatase 1 regulatory subunit 7	-0.48	0.039	-0.12	0.166	0.99	1.00	1.00	1.00	1
P62834	I3LF84	PIG Uncharacterized protein RAP1A	-0.64	-0.46	0.321	0.797	0.98	1.00	1.00	0.95	6

-	Q9Y2U5	HUMAN Mitogen-activated protein kinase kinase kinase 2	-1.41	-1.47	0.149	0.898	0.86	0.73	1.00	0.92	1
-	P62136	HUMAN Serine/threonine-protein phosphatase PP1-alpha catalytic subunit	-0.21	-0.21	0.426	0.565	0.99	1.00	1.00	0.97	2
P63000	I3LFI0	PIG Uncharacterized protein (Fragment) RAC1	0.262	-0.24	0.024	0.243	0.99	1.00	1.00	0.99	3
-	P04114	HUMAN Apolipoprotein B-100	0.647	-0.06	-0.2	0.209	0.98	1.00	1.00	0.99	6
Q16537	F1SRR2	PIG Uncharacterized protein PPP2R5E	0.493	-0.4	-0.3	0.057	0.99	1.01	1.00	1.00	1
P27169	F1SFA2	PIG Uncharacterized protein LOC100620687	1.402	0.231	-0.16	-0.48	0.87	1.00	1.00	0.98	1
-	Q29090	PIG Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B	-0.18	-0.46	-0.25	0.079	0.99	1.00	1.00	1.00	8
-	P05164	HUMAN Myeloperoxidase	-0.08	0.235	-0.27	-0.38	1.00	1.00	1.00	0.99	1
-	Q864R5	PIG Mitochondrial Rho GTPase 2	-0.22	-0.27	-0.22	0.074	0.99	1.00	1.00	1.00	1
-	P67776	PIG Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform	0.2	-0.34	-0.05	0.129	0.99	1.01	1.00	1.00	6
-	P54612	PIG Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A	-0.39	-0.88	-0.3	-0.02	0.99	0.97	1.00	1.00	17
-	M3V839	PIG Mitogen-activated protein kinase 3	-0.25	-0.92	-0.64	0.221	0.99	0.96	0.98	0.99	3
Q02750	I3LQS6	PIG Uncharacterized protein (Fragment) MAP2K1	-0.74	-0.93	-0.17	0.036	0.97	0.96	1.00	1.00	3
P62834	F2Z5K3	PIG Uncharacterized protein RAP1A	-0.66	-0.46	-0.52	-0.56	0.98	1.00	0.99	0.98	1
-	P62745	HUMAN Rho-related GTP-binding protein RhoB	-0.07	-0.52	-0.56	-0.28	1.00	1.00	0.98	0.99	1
-	A9QT41	PIG Inhibitor of kappa light polypeptide gene enhancer in B-cells kinase gamma	0.087	0.011	-0.2	-0.54	1.00	1.00	1.00	0.97	2
Q15435	F1SI09	PIG Uncharacterized protein PPP1R7	-0.01	-0.62	-0.69	-0.43	1.00	0.99	0.97	0.99	9
-	F1SJC2	PIG Uncharacterized protein PPP1R3A	-0.71	-1.13	-0.31	-0.35	0.98	0.90	1.00	0.99	1
-	Q9TV77	PIG 130 kDa regulatory subunit of myosin phosphatase (Fragment)	-0.62	-1.28	-0.6	-0.01	0.98	0.84	0.98	1.00	3
P02549	F1RR78	PIG Uncharacterized protein LOC100049693	-0.89	-1.12	-0.83	-0.49	0.96	0.90	0.95	0.98	148
O14974	I3LVP5	PIG Uncharacterized protein PPP1R12A	-0.93	-1.38	-0.44	0.351	0.96	0.79	0.99	0.99	4
-	F1S7V6	PIG Uncharacterized protein PPP1R14C	-0.03	-1.32	-0.93	-0.63	1.00	0.82	0.93	0.96	1
-	P08519	HUMAN Apolipoprotein(a)	-1.14	-1.11	-0.99	-0.43	0.93	0.90	0.92	0.99	1
P24723	I3LEA7	PIG Uncharacterized protein	-1	-1.03	-0.15	-0.1	0.96	0.93	1.00	1.00	1
-	P61586	HUMAN Transforming protein RhoA	-3	-1.81	-0.34	1.034	0.12	0.56	1.00	0.91	2
-	O14974	HUMAN Protein phosphatase 1 regulatory subunit 12A	0.879	0.709	-1.42	-1.86	0.96	0.99	0.78	0.71	1
-	Q2EHH7	PIG Serine/threonine-protein phosphatase	-0.85	-1.26	-0.5	-0.02	0.96	0.85	0.99	1.00	3

Q9Y6R4	K7GP00	PIG Uncharacterized protein (Fragment) LOC100518100	-1.09	-0.31	-0.97	-0.94	0.94	1.00	0.93	0.92	2
-	P63151	HUMAN Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B	-1.03	-1.4	-0.78	-0.34	0.95	0.78	0.96	0.99	1
-	G9BWQ1	PIG V-akt murine thymoma viral oncogene-like 1	-0.4	-0.74	-1.18	-1.34	0.99	0.99	0.88	0.83	1
Q5JR12	F1SBQ0	PIG Uncharacterized protein PPM1J	-1.9	-1.66	-1.3	-0.98	0.63	0.64	0.84	0.92	1
-	Q2TAM5	HUMAN RELA protein	-1.14	-1.48	-1.18	-0.46	0.93	0.73	0.88	0.99	1
-	H0YCB4	HUMAN Transcription factor p65 (Fragment)	-1.13	-1.83	-2.34	-1.88	0.93	0.54	0.35	0.70	1
-	Q9Y6R4	HUMAN Mitogen-activated protein kinase kinase kinase 4	-3.51	-3.04	-3.92	-3.1	0.03	0.07	0.01	0.23	1

Supplementary Table S2. Protein expression changes in the functionally annotated categories within cluster b.

Human equivalent Ac. No.	Accession No.	Cell junction Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
Q14192	F1SU18	PIG Uncharacterized protein (Fragment) FHL2	-3.93	-4.76	-3.23	-2.24	0.01	0.00	0.07	0.55	5
Q5VT25	F1S8P5	PIG Uncharacterized protein (Fragment) LOC100511216	-2.54	-2.8	-2.05	-1.71	0.30	0.12	0.49	0.75	1
-	Q14192	HUMAN Four and a half LIM domains protein 2	-2.04	-3.35	-2.56	-2.06	0.57	0.03	0.25	0.64	1
-	F1SUE9	PIG Uncharacterized protein (Fragment) COL13A1	-1.84	-1.99	-2.15	-1.98	0.68	0.46	0.45	0.67	1
-	I3LRH7	PIG Uncharacterized protein DSC3	-0.87	-2.01	-1.52	-1.1	0.96	0.44	0.74	0.89	1
-	Q8WNW4	PIG Beta-catenin	-1.48	-1.78	-1.42	-1.11	0.84	0.57	0.79	0.88	19
Q9UI47	F1SUJ6	PIG Uncharacterized protein CTNNA3	-1.25	-1.75	-1.92	-1.55	0.91	0.59	0.55	0.80	1
-	Q03135	HUMAN Caveolin-1	-0.66	-1.44	-1.89	-1.92	0.98	0.75	0.57	0.69	1
P15924	F1RW75	PIG Uncharacterized protein DSP	-1.55	-2.08	-1.37	-1.1	0.81	0.40	0.81	0.89	75
-	P48169	HUMAN Gamma-aminobutyric acid receptor subunit alpha-4	-1.76	-1.84	-1.32	-0.87	0.71	0.54	0.83	0.93	1
Q9UI47	I3LUC9	PIG Uncharacterized protein	-0.54	-0.94	-1.49	-1.21	0.98	0.96	0.75	0.87	1
Q9Y4J8	I3LG33	PIG Uncharacterized protein (Fragment) LOC100627907	-0.78	-1.35	-1.3	-1.44	0.97	0.81	0.84	0.82	4
-	I3LVH8	PIG Uncharacterized protein (Fragment) DSC2	-1.15	-1.06	-1.18	-1.15	0.93	0.92	0.88	0.87	3
-	Q96F07	HUMAN Cytoplasmic FMR1-interacting protein 2	-1.53	-0.76	-1.22	-1.47	0.82	0.99	0.86	0.81	1
P19022	F1SAM3	PIG Uncharacterized protein (Fragment) CDH2	-0.63	-0.58	-1.06	-1.2	0.98	0.99	0.91	0.87	14
-	Q9UQB3	HUMAN Catenin delta-2	-0.6	-0.82	-1.2	-0.63	0.99	0.98	0.87	0.96	1
O43491	F1SM86	PIG Uncharacterized protein EPB41L3	-0.96	-1.36	-1.08	-0.87	0.95	0.80	0.91	0.93	11
-	Q9UI47	HUMAN Catenin alpha-3	-0.93	-0.81	-0.63	-0.7	0.96	0.98	0.98	0.96	3
Q03001	F1RZU8	PIG Uncharacterized protein (Fragment) DST	-0.8	0.327	-1.77	-1.09	0.96	1.00	0.65	0.89	4
-	Q6RVA9	PIG Caveolin-1	-1.6	-1.09	-1.11	-0.81	0.78	0.91	0.91	0.95	7
-	Q5GN48	PIG Dystrophin	-0.99	-1.29	-1	-0.84	0.96	0.84	0.92	0.94	59

-	Q29101	PIG Gap junction alpha-1 protein	-0.75	-0.8	-0.95	-0.78	0.97	0.99	0.93	0.95	2
Q9Y2X7	F1RN87	PIG Uncharacterized protein (Fragment) GIT1	-1.23	-0.58	-0.88	-0.53	0.91	0.99	0.94	0.98	1
-	Q96RT1	HUMAN Protein LAP2	-0.66	-0.31	-0.65	-0.71	0.98	1.00	0.98	0.96	1
-	C3VML1	PIG Claudin	-1	-0.25	-0.48	-0.07	0.96	1.00	0.99	1.00	1
Q9NQX3	F1SA44	PIG Uncharacterized protein (Fragment) GPHN	-0.09	-0.6	-1.06	-0.36	1.00	0.99	0.91	0.99	1
-	Q5TAT6	HUMAN Collagen alpha-1(XIII) chain	-0.69	-0.22	0.023	-0.34	0.98	1.00	1.00	0.99	1
-	O02840	PIG Cadherin-5	-0.47	-0.08	-0.33	-0.24	0.99	1.00	1.00	0.99	4
P26232	F1SNX3	PIG Uncharacterized protein LOC100525516	-0.14	-0.21	-0.37	0.245	0.99	1.00	0.99	0.99	1
P35221	F1RGJ2	PIG Uncharacterized protein CTNNA1	-0.55	-0.77	-0.13	0.185	0.98	0.98	1.00	0.99	20
-	Q9Y2J2	HUMAN Band 4.1-like protein 3	-0.69	-0.61	-0.25	-0.98	0.98	0.99	1.00	0.92	3
-	Q9P2M7	HUMAN Cingulin	0.194	-0.09	-0.53	-0.99	0.99	1.00	0.98	0.92	1
-	P15924	HUMAN Desmoplakin	1.216	-0.12	-0.84	-0.82	0.92	1.00	0.95	0.94	2
-	A4GVD1	PIG Gap junction gamma-1 protein	-0.58	-0.32	-1	-0.88	0.98	1.00	0.92	0.93	1
Q9Y4J8	I3LB94	PIG Uncharacterized protein DTNA	0.324	-0.38	-0.59	-1.07	1.00	1.01	0.98	0.90	1
-	Q96KN9	HUMAN Gap junction delta-4 protein	-0.18	-0.41	-0.55	-0.27	0.99	1.01	0.98	0.99	1
Q12959	K7GN86	PIG Uncharacterized protein DLG1	-0.93	-0.19	0.559	0.106	0.96	1.00	0.98	1.00	1
-	F1SAM8	PIG Uncharacterized protein (Fragment) CDC42BPB	0.182	-0.22	-0.51	-0.46	0.99	1.00	0.99	0.99	1
-	C3VMW6	PIG Claudin	-0.86	-0.04	-0.18	0.323	0.96	1.00	1.00	0.99	1
Q8N8S7	F1S8S4	PIG Uncharacterized protein (Fragment) ENAH	-1.67	-1.05	0.284	1.181	0.76	0.93	1.00	0.87	3
-	C3VMK5	PIG Claudin	-0.02	-0.41	-0.58	-0.61	1.00	1.01	0.98	0.97	1
-	Q9UMD9	HUMAN Collagen alpha-1(XVII) chain	-1.29	-0.25	0.153	-1.01	0.91	1.00	1.00	0.91	1
P50570	F1S593	PIG Uncharacterized protein (Fragment) DNM2	-0.11	-0.16	0.117	0.127	1.00	1.00	1.00	1.00	3
-	Q14126	HUMAN Desmoglein-2	-1.21	-0.93	0.541	1.265	0.92	0.96	0.98	0.85	1
-	F8WDM7	HUMAN Caveolin-1	0.136	-0.19	0.03	0.123	0.99	1.00	1.00	1.00	1
-	I3LPQ6	PIG Uncharacterized protein (Fragment) CHRNA9	0.651	-0.11	-0.31	-0.33	0.98	1.00	1.00	0.99	1
Q9P2M7	F1ST04	PIG Uncharacterized protein CGN	-0.24	-0.07	0.467	0.563	0.99	1.00	0.99	0.97	1
-	Q03001	HUMAN Dystonin	0.408	0.263	0.287	0.447	0.99	1.00	1.00	0.99	3

P11230	I3L9G3	PIG Uncharacterized protein CHRN1	0.777	0.492	-0.11	-0.23	0.97	1.00	1.00	0.99	1
-	M3V7Z1	PIG Cytoplasmic FMR1 interacting protein 1 tv1	-0.47	-0.72	0.22	0.441	0.99	0.99	1.00	0.99	1
Q16099	F1S9S0	PIG Uncharacterized protein (Fragment) GRIK4	0.561	0.488	0.015	0.525	0.98	1.00	1.00	0.98	1
O75899	I3L6R6	PIG Uncharacterized protein GABBR2	1.334	0.978	0.702	0.135	0.90	0.95	0.97	1.00	1
P17677	I3LTW2	PIG Uncharacterized protein (Fragment) GAP43	0.044	-0.37	0.179	0.711	1.00	1.01	1.00	0.96	1
-	I3LNL5	PIG Uncharacterized protein DIXDC1	-0.44	-0.09	0.636	1.123	0.99	1.00	0.98	0.88	1
P47869	I3L720	PIG Uncharacterized protein GABRA2	0.301	0.663	0.074	-1.54	1.00	0.99	1.00	0.80	1
-	P50570	HUMAN Dynamin-2	0.309	0.59	0.849	1.127	1.00	0.99	0.95	0.88	1
-	O14490	HUMAN Disks large-associated protein 1	-0.18	-0.36	0.568	0.677	0.99	1.01	0.98	0.96	1
Q969H4	I3LNS0	PIG Uncharacterized protein (Fragment) CNKSR1	-0.32	0.493	0.88	1.205	1.00	1.00	0.94	0.87	1
Q8WUP2	F1SUU4	PIG Uncharacterized protein FBLIM1	-0.54	-0.36	0.949	1.715	0.98	1.01	0.93	0.75	1
-	O15083	HUMAN ERC protein 2	0.884	0.661	1.135	1.185	0.96	0.99	0.90	0.87	1
-	F1S0Y1	PIG Uncharacterized protein (Fragment) HMCN2	1.049	0.699	0.657	0.971	0.95	0.99	0.98	0.92	2
-	Q6P9H4	HUMAN Connector enhancer of kinase suppressor of ras 3	0.567	1.552	1.445	0.445	0.98	0.71	0.78	0.99	1
-	Q9Y5S2	HUMAN Serine/threonine-protein kinase MRCK beta	-0.86	2.72	3.344	1.112	0.96	0.15	0.06	0.88	1
Q9Y3R0	K7GMX8	PIG Uncharacterized protein (Fragment) GRIP1	0.334	0.317	1.613	2.504	1.00	1.00	0.70	0.47	1
-	B0LFE9	PIG Complement component 4	1.503	1.43	1.345	1.384	0.83	0.76	0.82	0.83	38
-	Q08094	PIG Calponin-2 (Fragment)	0.23	0.635	1.793	2.466	1.00	0.99	0.64	0.48	2
Q7L576	F1RQE9	PIG Uncharacterized protein CYFIP2	2.245	2.004	1.618	1.196	0.44	0.45	0.70	0.87	2
-	F1SGT4	PIG Uncharacterized protein CD44	1.007	2.072	2.186	1.712	0.96	0.41	0.44	0.75	3
Human equivalent Ac. No.											
Accession No.											
Protein											
-	Q1KYT0	PIG Beta-enolase	-2.2	-3.1	-2.23	-1.85	0.46	0.07	0.41	0.72	30
-	P29804	PIG Pyruvate dehydrogenase E1 component subunit alpha	-1.75	-3.05	-2.6	-2.13	0.72	0.07	0.24	0.59	22
P09104	I3LCN1	PIG Uncharacterized protein ENO2	-2.06	-2.89	-2.14	-1.72	0.54	0.10	0.45	0.75	3

-	B5KJG2	PIG Phosphoglycerate mutase 2	-2.09	-2.84	-1.87	-1.35	0.52	0.11	0.59	0.83	13
-	Q7SIB7	PIG Phosphoglycerate kinase 1	-2.58	-2.7	-1.17	-0.59	0.28	0.15	0.88	0.97	28
-	P11177	HUMAN Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	-1.66	-1.82	-1.46	-1.15	0.76	0.55	0.76	0.87	1
-	Q9TQR6	PIG Phosphoglucomutase 1 (Fragment)	-0.98	-1.93	-1.33	-1.11	0.96	0.49	0.83	0.88	9
-	P08059	PIG Glucose-6-phosphate isomerase	-1.6	-2.26	-0.87	-0.44	0.78	0.32	0.94	0.99	19
-	K9IVI1	PIG 2-oxoglutarate dehydrogenase, mitochondrial	-0.81	-0.68	-1.26	-1.29	0.96	0.99	0.85	0.84	39
-	E5RI09	HUMAN Beta-enolase (Fragment)	-1.49	-0.5	-0.78	-0.49	0.83	1.00	0.96	0.98	1
-	P19367	HUMAN Hexokinase-1	-0.61	-0.62	-0.91	-1.06	0.99	0.99	0.94	0.90	1
P18669	F1S8Y5	PIG Uncharacterized protein PGAM1	-1.03	-1.63	-0.72	-0.32	0.95	0.66	0.97	0.99	7
-	P00355	PIG Glyceraldehyde-3-phosphate dehydrogenase	-1.37	-2.07	-0.81	-0.57	0.88	0.41	0.96	0.97	30
-	H9TUB4	PIG UME3A	-1.35	-0.79	-0.55	-0.5	0.89	0.98	0.98	0.98	1
-	C6KE31	PIG Transporter	-0.06	-0.32	-0.97	-1.02	1.00	1.00	0.93	0.91	1
-	B8XSK3	PIG 6-phosphofructo-2-kinase/fructose-2, 6-biphosphatase 1	-0.11	-0.71	-0.56	-0.48	1.00	0.99	0.98	0.98	1
-	A6NI74	HUMAN Enolase-like protein ENO4	-0.99	-1.28	0.031	0.449	0.96	0.85	1.00	0.99	1
-	Q6RI85	PIG Phosphoglycerate kinase 2	-0.72	0.613	0.245	-0.54	0.97	0.99	1.00	0.97	1
P19367	F1SUF2	PIG Uncharacterized protein (Fragment) HK1	-0.48	-0.32	-0.6	-0.72	0.99	1.00	0.98	0.96	23
-	G3CKJ2	PIG Glyceraldehyde-3-phosphate dehydrogenase (Fragment)	-0.25	-0.83	-0.48	-0.43	0.99	0.98	0.99	0.99	5
-	P06733	HUMAN Alpha-enolase	-1.53	-0.46	0.666	1.345	0.82	1.00	0.97	0.83	2
-	I3LCA1	PIG 6-phosphofructokinase, muscle type	0.192	-0.01	0.439	0.023	0.99	1.00	0.99	1.00	1
-	Q1W674	PIG Hexokinase-2	0.565	0.457	0.076	-0.57	0.98	1.00	1.00	0.97	6
P19367	I3LDQ9	PIG Uncharacterized protein LOC100737818	0.373	0.508	0.223	-0.37	1.00	1.00	1.00	0.99	3
-	I3LAK4	PIG Pyruvate kinase	0.69	0.297	0.091	0.193	0.98	1.00	1.00	0.99	1
Q01813	I3LK68	PIG Uncharacterized protein (Fragment) PFKP	0.045	-0.28	0.349	0.299	1.00	1.00	0.99	0.99	6
-	F1SUF3	PIG Uncharacterized protein (Fragment) HKDC1	0.637	0.327	-0.22	-0.59	0.98	1.00	1.00	0.97	1
-	P16118	HUMAN 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1	0.85	0.251	0.099	0.209	0.96	1.00	1.00	0.99	1
P17858	I3LFQ5	PIG Uncharacterized protein PFKL	0.365	0.155	0.493	0.504	1.00	1.00	0.99	0.98	10
-	P30613	HUMAN Pyruvate kinase PKLR	1.83	0.728	0.215	0.094	0.68	0.99	1.00	1.00	1

-	I3LK59	PIG Enolase	-0.15	0.689	1.599	1.865	0.99	0.99	0.71	0.71	15
-	P52789	HUMAN Hexokinase-2	0.373	1.98	2.064	0.932	1.00	0.46	0.49	0.92	1
-	P09104	HUMAN Gamma-enolase	1.483	0.928	0.881	-0.19	0.84	0.96	0.94	0.99	1

Human equivalent Ac. No.	Accession No.	Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	P42771	HUMAN Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3	-2.45	-2.67	-1.57	-1.95	0.34	0.16	0.72	0.68	1
-	I3LNM6	PIG Uncharacterized protein CEP250	-2.61	-2.13	-2.01	-1.37	0.27	0.38	0.52	0.83	2
P25054	F1RLG3	PIG Uncharacterized protein (Fragment) APC	-0.6	-0.32	-1.64	-2.52	0.98	1.00	0.70	0.46	1
P30048	F1S418	PIG Uncharacterized protein PRDX3	-1.32	-0.61	-1.89	-2.15	0.90	0.99	0.57	0.58	8
-	Q96HC4	HUMAN PDZ and LIM domain protein 5	-1.48	-1.3	-1.8	-1.75	0.84	0.84	0.63	0.74	2
P30086	F1RK68	PIG Uncharacterized protein PEBP1	-1.96	-2.17	-1.41	-1.13	0.60	0.37	0.79	0.88	9
-	B0FSM8	PIG Nucleotide-binding oligomerization domain containing 2	-1.48	-1.96	-1.14	-0.87	0.84	0.47	0.90	0.93	1
-	Q8WNW4	PIG Beta-catenin	-1.48	-1.78	-1.42	-1.11	0.84	0.57	0.79	0.88	19
-	Q03135	HUMAN Caveolin-1	-0.66	-1.44	-1.89	-1.92	0.98	0.75	0.57	0.69	1
-	P16066	HUMAN Atrial natriuretic peptide receptor 1	-0.8	-1.03	-1.39	-2.04	0.96	0.93	0.80	0.65	1
P19022	F1SAM3	PIG Uncharacterized protein (Fragment) CDH2	-0.63	-0.58	-1.06	-1.2	0.98	0.99	0.91	0.87	14
-	P36887	PIG cAMP-dependent protein kinase catalytic subunit alpha	-1.38	-2.15	-1.31	-0.59	0.87	0.38	0.83	0.97	10
Q96HC4	F1RWW4	PIG Uncharacterized protein PDLIM5	-1.07	-1.27	-1.22	-0.77	0.94	0.85	0.86	0.95	13
-	Q02224	HUMAN Centromere-associated protein E	-1.69	-2.22	-1.44	-0.72	0.75	0.35	0.78	0.96	1
-	Q6RVA9	PIG Caveolin-1	-1.6	-1.09	-1.11	-0.81	0.78	0.91	0.91	0.95	7
-	Q2EHH7	PIG Serine/threonine-protein phosphatase	-0.85	-1.26	-0.5	-0.02	0.96	0.85	0.99	1.00	3
-	F1S492	PIG Uncharacterized protein CDKN2D	-1.13	-1.1	-0.4	-0.63	0.93	0.90	0.99	0.96	1
P18669	F1S8Y5	PIG Uncharacterized protein PGAM1	-1.03	-1.63	-0.72	-0.32	0.95	0.66	0.97	0.99	7
-	Q969G5	HUMAN Protein kinase C delta-binding protein	-1.26	-0.44	-0.82	-0.81	0.91	1.00	0.96	0.95	1
-	P30048	HUMAN Thioredoxin-dependent peroxide reductase, mitochondrial	0.539	-0.66	-1.16	-1.13	0.98	0.99	0.88	0.88	1

-	Q3V6T2	HUMAN Girdin	-1.13	-0.27	-0.43	-0.96	0.93	1.00	1.00	0.92	1
-	Q2QLE2	PIG Caveolin-2	-1.4	-1.04	-0.93	-0.49	0.87	0.93	0.93	0.98	2
-	Q09138	PIG 5'-AMP-activated protein kinase subunit gamma-1	-0.22	-0.77	-0.85	-0.82	0.99	0.99	0.95	0.94	3
-	B8XSK3	PIG 6-phosphofructo-2-kinase/fructose-2, 6-biphosphatase 1	-0.11	-0.71	-0.56	-0.48	1.00	0.99	0.98	0.98	1
-	E7FLX9	PIG A kinase anchor protein 1	-0.99	-1.38	-1	-0.33	0.96	0.79	0.92	0.99	1
-	Q9BV73	HUMAN Centrosome-associated protein CEP250	1.09	-0.53	-0.58	-0.75	0.94	1.00	0.98	0.96	2
-	K7ELL7	HUMAN Glucosidase 2 subunit beta	-0.52	0.327	-0.14	-0.23	0.99	1.00	1.00	0.99	1
Q9UEY8	F1S5M9	PIG Uncharacterized protein ADD3	0.108	-0.69	-0.71	-0.2	1.00	0.99	0.97	0.99	6
Q12959	K7GN86	PIG Uncharacterized protein DLG1	-0.93	-0.19	0.559	0.106	0.96	1.00	0.98	1.00	1
-	I3LR17	PIG Uncharacterized protein CORO1A	-0.46	-1.08	-0.95	0.639	0.99	0.91	0.93	0.96	1
Q96EY1	I3LLG4	PIG Uncharacterized protein DNAJA3	0.51	0.587	-0.07	-0.87	0.99	0.99	1.00	0.93	3
P42773	F1S6F7	PIG Uncharacterized protein CDKN2C	0.356	-0.46	-0.16	0.267	0.99	1.00	1.00	0.99	1
-	F8WDM7	HUMAN Caveolin-1	0.136	-0.19	0.03	0.123	0.99	1.00	1.00	1.00	1
-	I3LCA1	PIG 6-phosphofructokinase, muscle type	0.192	-0.01	0.439	0.023	0.99	1.00	0.99	1.00	1
-	F1SFW3	PIG Guanylate cyclase (Fragment)	0.397	0.082	0.089	-0.18	0.99	1.00	1.00	0.99	1
-	P16118	HUMAN 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1	0.85	0.251	0.099	0.209	0.96	1.00	1.00	0.99	1
P17858	I3LFQ5	PIG Uncharacterized protein PFKL	0.365	0.155	0.493	0.504	1.00	1.00	0.99	0.98	10
-	Q13370	HUMAN cGMP-inhibited 3',5'-cyclic phosphodiesterase B	0.39	0.343	-0.33	-0.26	0.99	1.01	0.99	0.99	2
Q969G5	F1RMM0	PIG Uncharacterized protein PRKCDBP	-0.26	-0.2	0.019	0.703	0.99	1.00	1.00	0.96	3
P14314	F1S596	PIG Uncharacterized protein PRKCSH	-0.14	0.7	0.824	1.048	0.99	0.99	0.95	0.90	10
O43741	F1SDB6	PIG Uncharacterized protein PRKAB2	1.995	0.459	0.195	0.068	0.58	1.00	1.00	1.00	1
-	Q95319	PIG Beta-actin, cytoplasmic (Fragment)	0.124	0.107	0.153	0.997	0.99	1.00	1.00	0.92	5
-	B5LX40	PIG Adaptor protein phosphotyrosine interaction PH domain and leucine zipper	1.024	0.083	0.162	0.266	0.95	1.00	1.00	0.99	3
-	F1RWH6	PIG Uncharacterized protein CDK5RAP3	1.19	1.244	0.003	-0.02	0.93	0.86	1.00	1.00	1
-	P31146	HUMAN Coronin-1A	-0.49	0.502	0.76	0.4	0.99	1.00	0.97	0.99	1
-	P56945	HUMAN Breast cancer anti-estrogen resistance protein 1	1.247	0.416	0.58	0.343	0.91	1.01	0.98	0.99	1
-	Q7M3B0	PIG Actin beta (Fragments)	0.213	0.349	0.823	0.926	0.99	1.01	0.96	0.92	1

-	Q2M2Z5	HUMAN Centrosomal protein kizuna
-	P60709	HUMAN Actin, cytoplasmic 1

0.935	3.757	3.059	-0.27	0.96	0.01	0.11	0.99	1
0.706	1.257	2.826	4.524	0.98	0.85	0.17	0.01	1

Human equivalent Ac. No.	Accession No.	Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	P00503	PIG Aspartate aminotransferase, cytoplasmic	-2.06	-3.05	-2.38	-1.86	0.55	0.07	0.33	0.71	24
Q8TBE9	F1SAS1	PIG Uncharacterized protein NANP	-2.61	-1.98	-1.94	-1.52	0.27	0.46	0.55	0.81	1
P24298	F1RSP5	PIG Uncharacterized protein LOC100524618	-1.46	-1.28	-1.73	-1.91	0.84	0.84	0.66	0.69	8
Q8N335	F1SHA2	PIG Uncharacterized protein (Fragment) GPD1	-1.47	-2.34	-2.11	-1.61	0.84	0.28	0.47	0.80	3
P09104	I3LCN1	PIG Uncharacterized protein ENO2	-2.06	-2.89	-2.14	-1.72	0.54	0.10	0.45	0.75	3
-	B5KJG2	PIG Phosphoglycerate mutase 2	-2.09	-2.84	-1.87	-1.35	0.52	0.11	0.59	0.83	13
-	Q9TQR6	PIG Phosphoglucomutase 1 (Fragment)	-0.98	-1.93	-1.33	-1.11	0.96	0.49	0.83	0.88	9
-	P08059	PIG Glucose-6-phosphate isomerase	-1.6	-2.26	-0.87	-0.44	0.78	0.32	0.94	0.99	19
-	B8XSK3	PIG 6-phosphofructo-2-kinase/fructose-2, 6-biphosphatase 1	-0.11	-0.71	-0.56	-0.48	1.00	0.99	0.98	0.98	1
-	P00636	PIG Fructose-1,6-bisphosphatase 1	0.807	-0.06	-0.5	-0.48	0.96	1.00	0.99	0.98	2
-	F1RQM2	PIG Phosphoacetylglucosamine mutase	0.842	-0.01	0.122	0.121	0.96	1.00	1.00	1.00	4
O15305	I3LCY2	PIG Uncharacterized protein	0.415	0.018	0.635	0.843	0.99	1.00	0.98	0.94	2
-	P16118	HUMAN 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1	0.85	0.251	0.099	0.209	0.96	1.00	1.00	0.99	1
-	P14332	PIG 6-phosphogluconate dehydrogenase, decarboxylating (Fragment)	0.434	0.709	1.076	1.149	0.99	0.99	0.91	0.87	7
-	I3L677	PIG Glucose-6-phosphate 1-dehydrogenase (Fragment)	0.214	0.979	1.279	1.101	0.99	0.95	0.85	0.89	12
-	F1RIF8	PIG 6-phosphogluconate dehydrogenase, decarboxylating (Fragment)	-0.03	1.046	1.196	1.371	1.00	0.93	0.87	0.83	7
-	P09104	HUMAN Gamma-enolase	1.483	0.928	0.881	-0.19	0.84	0.96	0.94	0.99	1

Supplementary Table S3. Protein expression changes in the functionally annotated categories within cluster c.

Human equivalent Ac. No.	Accession No.	Ribosome Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	P67985	PIG 60S ribosomal protein L22	0.962	1.526	1.667	1.23	0.95	0.71	0.69	0.86	3
-	Q29293	PIG 60S ribosomal protein L3 (Fragment)	-0.92	0.798	1.9	1.557	0.96	0.99	0.57	0.80	1
-	P63173	HUMAN 60S ribosomal protein L38	-0.02	0.314	1.247	2.006	1.00	1.00	0.85	0.66	5
-	P23396	HUMAN 40S ribosomal protein S3	0.775	0.477	1.526	1.892	0.97	1.00	0.74	0.69	6
-	Q29308	PIG 40S ribosomal protein S19 (Fragment)	0.15	0.615	1.669	1.796	0.99	0.99	0.69	0.73	9
-	P62244	HUMAN 40S ribosomal protein S15a	0.611	0.263	1.39	1.266	0.99	1.00	0.80	0.85	4
-	P62910	HUMAN 60S ribosomal protein L32	-0.14	1.263	2.247	1.359	0.99	0.85	0.41	0.83	2
-	P62913	HUMAN 60S ribosomal protein L11	0.825	-0.16	0.625	2.031	0.96	1.00	0.98	0.65	1
-	Q9Y3U8	HUMAN 60S ribosomal protein L36	1.171	0.71	1.123	0.946	0.93	0.99	0.90	0.92	3
-	P53027	PIG 60S ribosomal protein L10a (Fragment)	-0.25	-0.25	1.334	1.878	0.99	1.00	0.83	0.70	7
P46776	I3LK51	PIG Uncharacterized protein (Fragment)	0.649	0.209	1.028	1.475	0.98	1.00	0.92	0.81	3
-	I3LEX0	PIG 40S ribosomal protein S9 (Fragment)	-0.3	-0.64	1.234	1.835	1.00	0.99	0.86	0.72	5
-	P62280	HUMAN 40S ribosomal protein S11	-0.57	-0.38	1.055	1.885	0.98	1.01	0.91	0.70	7
-	A1XQU7	PIG 60S acidic ribosomal protein P1	-0.05	-0.02	1.631	1.751	1.00	1.00	0.70	0.74	1
P62847	F1SNB6	PIG Uncharacterized protein LOC100515348	1.511	0.812	0.711	1.036	0.83	0.98	0.97	0.91	1
-	F2Z5F5	PIG 40S ribosomal protein S8 (Fragment)	-0.1	0.113	0.989	1.323	1.00	1.00	0.92	0.83	8
-	Q29197	PIG 40S ribosomal protein S9 (Fragment)	-0.18	-0.58	1.051	1.469	0.99	0.99	0.91	0.81	10
-	P62279	PIG 40S ribosomal protein S13 (Fragment)	0.043	-0.05	1.121	1.42	1.00	1.00	0.90	0.82	6
-	Q2YGT9	PIG 60S ribosomal protein L6	-0.05	-0.13	0.953	1.573	1.00	1.00	0.93	0.80	14
-	F6Q5P0	PIG 40S ribosomal protein S13	0.112	0.227	0.795	0.564	1.00	1.00	0.96	0.98	3
-	I3LVI8	PIG 60S ribosomal protein L7a	-0.09	0.592	0.87	1.42	1.00	0.99	0.94	0.82	3

-	Q29205	PIG 60S ribosomal protein L11	-0.33	-0.52	0.755	1.307	1.00	1.00	0.97	0.84	4
-	Q4GWZ2	PIG 40S ribosomal protein SA	0.322	0.154	1.18	1.259	1.00	1.00	0.88	0.85	8
-	F1SUM7	PIG 40S ribosomal protein S3 (Fragment)	-0.12	-0.39	0.832	1.409	0.99	1.00	0.95	0.82	10
-	P32969	HUMAN 60S ribosomal protein L9	-0.4	-0.19	0.873	1.39	0.99	1.00	0.94	0.83	7
-	F1SJJ5	PIG 60S ribosomal protein L4	-0.13	0.181	1.224	1.646	0.99	1.00	0.86	0.78	11
-	I3LS62	PIG Ribosomal protein L15	-0.73	-0.97	0.77	1.557	0.97	0.94	0.97	0.80	3
P62910	F1SPL8	PIG Uncharacterized protein (Fragment)	0.885	0.348	0.578	0.666	0.96	1.01	0.98	0.96	1
-	P61353	HUMAN 60S ribosomal protein L27	0.599	0.352	0.676	0.789	0.99	1.01	0.97	0.95	1
P62899	F1SH66	PIG Uncharacterized protein LOC100625352	0.135	-0.11	0.716	1.657	0.99	1.00	0.97	0.78	1
-	P62424	HUMAN 60S ribosomal protein L7a	-0.41	-0.25	1.278	1.765	0.99	1.00	0.85	0.74	5
-	B7TJ03	PIG Ribosomal protein L26-like 1	-0.59	-0.46	0.657	1.247	0.99	1.00	0.98	0.86	5
-	Q29375	PIG 60S ribosomal protein L7a (Fragment)	-0.1	-0.52	1.109	1.767	1.00	1.00	0.90	0.74	4
-	F8W7C6	HUMAN 60S ribosomal protein L10	1.102	1.301	1.111	0.104	0.94	0.83	0.91	1.00	1
P62249	K7GLK5	PIG Uncharacterized protein	0.107	0.336	0.647	1.02	1.00	1.01	0.98	0.91	4
-	Q29198	PIG Ribosomal protein S6 (Fragment)	0.738	0.065	0.161	0.627	0.97	1.00	1.00	0.96	3
-	Q95307	PIG 60S ribosomal protein L13a (Fragment)	0.113	-0.68	0.619	1.092	0.99	0.99	0.98	0.89	7
-	Q29214	PIG 60S acidic ribosomal protein P0	-0.23	-0.1	1.022	1.459	0.99	1.00	0.92	0.82	12
-	F1S4M2	PIG Uncharacterized protein (Fragment) LOC100738304	-0.24	0.085	0.679	1.202	0.99	1.00	0.97	0.87	6
P18124	F1RWI5	PIG Uncharacterized protein	-0.28	-0.73	0.889	1.336	0.99	0.99	0.94	0.83	13
-	P62899	HUMAN 60S ribosomal protein L31	0.208	0.421	0.582	1.187	0.99	1.01	0.98	0.87	1
-	Q6QAP7	PIG 40S ribosomal protein S17	-0.42	-0.53	0.662	1.114	0.99	1.00	0.98	0.88	6
-	P62750	HUMAN 60S ribosomal protein L23a	-0.15	-0.13	0.656	1.437	0.99	1.00	0.98	0.82	9
-	P62081	HUMAN 40S ribosomal protein S7	-0.17	-0.33	0.606	1.215	0.99	1.01	0.98	0.87	2
-	Q6QAS5	PIG 60S ribosomal protein L12 (Fragment)	-0.13	-0.3	0.868	1.315	0.99	1.00	0.95	0.84	5
P46783	F1RZ28	PIG Uncharacterized protein RPS10	-0.96	-0.03	0.658	1.24	0.95	1.00	0.98	0.85	5
-	P62829	HUMAN 60S ribosomal protein L23	-0.33	-0.71	0.657	1.534	1.00	0.99	0.98	0.80	5
-	P39019	HUMAN 40S ribosomal protein S19	0.092	0.639	0.975	0.75	1.00	0.99	0.93	0.96	1

-	P62249	HUMAN 40S ribosomal protein S16	0.02	-0.5	0.477	1.012	1.00	1.00	0.99	0.91	2
-	P61254	HUMAN 60S ribosomal protein L26	-1.08	-0.78	0.828	1.855	0.94	0.98	0.95	0.72	1
P83731	F2Z5Q2	PIG Uncharacterized protein (Fragment) RPL24	0.379	-0.02	0.708	1.725	1.00	1.00	0.97	0.75	6
-	P79324	PIG 60S ribosomal protein L15 (Fragment)	-0.73	-0.47	0.67	1.409	0.97	1.00	0.97	0.82	6
-	P49666	PIG 60S ribosomal protein L21 (Fragment)	-0.7	-0.58	0.726	1.28	0.98	0.99	0.97	0.85	3
-	I3LSD3	PIG 60S ribosomal protein L13	-0.72	-0.59	0.645	1.304	0.97	0.99	0.98	0.84	9
-	P62269	HUMAN 40S ribosomal protein S18	-0.64	-0.21	0.95	1.355	0.98	1.00	0.93	0.83	7
-	Q5T7N0	HUMAN 60S ribosomal protein L5 (Fragment)	-1.03	-0.29	0.733	1.486	0.95	1.00	0.97	0.81	1
-	I3LFL4	PIG 60S ribosomal protein L18 (Fragment)	-0.12	-0.51	0.308	1.141	0.99	1.00	1.00	0.88	1
-	P62841	HUMAN 40S ribosomal protein S15	-0.98	-0.04	0.834	1.37	0.96	1.00	0.96	0.83	3
P62899	F1SRB7	PIG Uncharacterized protein (Fragment) LOC100624537	-0.25	0.198	0.665	0.883	0.99	1.00	0.97	0.93	1
-	F1RI01	PIG 60S ribosomal protein L13a	0.017	-0.58	0.515	0.995	1.00	0.99	0.99	0.92	4
-	B6V8C8	PIG 40S ribosomal protein S3a	-0.83	-0.65	0.733	1.243	0.96	0.99	0.97	0.86	11
P62910	I3LV37	PIG Uncharacterized protein (Fragment)	-0.52	-0.64	0.576	0.974	0.99	0.99	0.98	0.92	1
-	Q29195	PIG 60S ribosomal protein L10	-0.34	-0.38	0.817	1.437	1.00	1.01	0.96	0.82	5
-	P46778	HUMAN 60S ribosomal protein L21	-0.1	-0.35	0.313	0.864	1.00	1.01	1.00	0.94	1
-	Q29223	PIG 60S ribosomal protein L34	0.276	-0.44	0.426	0.957	0.99	1.01	1.00	0.92	3
-	Q6QAQ3	PIG 60S ribosomal protein L23 (Fragment)	0.23	0.382	0.391	0.388	0.99	1.01	1.00	0.99	1
-	Q6QAP6	PIG 40S ribosomal protein S29	-0.97	-1.34	0.407	1.252	0.96	0.81	1.00	0.85	2
-	F1SJA1	PIG 40S ribosomal protein S6	-0.4	-0.69	0.005	0.573	0.99	0.99	1.00	0.97	1
-	Q29190	PIG Ribosomal protein S7 (Fragment)	-0.27	-0.64	0.248	0.952	0.99	0.99	1.00	0.92	2
-	P25398	HUMAN 40S ribosomal protein S12	0.013	-0.18	0.535	0.668	1.00	1.00	0.98	0.96	2
-	Q95L19	PIG Ribosomal protein L19 (Fragment)	-0.38	-0.6	0.463	0.702	0.99	0.99	0.99	0.96	5
-	Q95342	PIG 60S ribosomal protein L18 (Fragment)	-0.18	-0.59	0.261	0.799	0.99	0.99	1.00	0.95	4
-	P46782	HUMAN 40S ribosomal protein S5	-0.28	-0.28	0.402	0.676	0.99	1.00	1.00	0.96	6
-	Q6QAS9	PIG 60S ribosomal protein L7 (Fragment)	-1.26	-1.31	0.543	1.409	0.91	0.83	0.98	0.82	3
-	Q29361	PIG 60S ribosomal protein L35	-1.21	-0.84	0.638	1.505	0.92	0.98	0.98	0.81	6

-	Q95281	PIG 60S ribosomal protein L29	-1.09	-0.87	0.313	1.402	0.94	0.97	1.00	0.82	3
-	K7ELC7	HUMAN 60S ribosomal protein L27 (Fragment)	0.08	-0.92	-0.42	-0.09	1.00	0.96	1.00	1.00	1
P05386	F1SIT7	PIG Uncharacterized protein LOC100523874	-0.16	0.073	1.486	1.427	0.99	1.00	0.75	0.82	1
-	F1S530	PIG 60S ribosomal protein L5	-1.05	-0.55	0.586	0.874	0.95	0.99	0.98	0.93	7
P62851	F2Z5G8	PIG Uncharacterized protein (Fragment) RPS25	-0.52	-0.67	0.335	0.988	0.99	0.99	0.99	0.92	7
-	P49171	PIG 40S ribosomal protein S26	-0.25	-0.46	0.175	0.729	0.99	1.00	1.00	0.96	2
P46779	I3LSZ6	PIG Uncharacterized protein RPL28	-0.73	-0.24	0.264	0.615	0.97	1.00	1.00	0.97	1
-	F1RYZ0	PIG 60S acidic ribosomal protein P2	0.086	0.249	0.226	0.305	1.00	1.00	1.00	0.99	4
-	Q29323	PIG Ribosomal protein S5 (Fragment)	-1.08	-1.07	0.244	0.669	0.94	0.92	1.00	0.96	1
-	Q6SA96	PIG 40S ribosomal protein S23	-1.29	-1.05	0.177	1.264	0.91	0.93	1.00	0.85	6
P83881	F1RT21	PIG Uncharacterized protein	-0.35	-0.03	-0.41	0.551	1.00	1.00	1.00	0.98	2
P83881	I3LHT5	PIG Uncharacterized protein	-0.86	-0.92	-0.44	0.296	0.96	0.96	0.99	0.99	1
P62249	F1SP46	PIG Uncharacterized protein	-1.15	-1.11	0.116	0.901	0.93	0.90	1.00	0.92	5
-	Q29187	PIG 60S ribosomal protein L4 (Fragment)	-2.22	-1.49	0.317	2.127	0.46	0.73	1.00	0.60	1
-	A1XQU9	PIG 40S ribosomal protein S20	-0.56	-0.91	-0.06	0.385	0.98	0.96	1.00	0.99	3
P62081	I3L7B0	PIG Uncharacterized protein (Fragment)	-1.04	-0.64	0.196	0.847	0.95	0.99	1.00	0.94	2
P62244	F1RZH4	PIG Uncharacterized protein	-0.64	-0.32	-0.2	-0.52	0.98	1.00	1.00	0.98	1
P18621	I3LT81	PIG Uncharacterized protein RPL17	-1.2	-1.11	0.246	1.44	0.93	0.90	1.00	0.82	6
-	P83881	HUMAN 60S ribosomal protein L36a	-1.8	-2.08	-0.31	1.97	0.69	0.40	1.00	0.67	1
-	I3L6F1	PIG 60S ribosomal protein L18	-1.48	-1.88	-0.13	1.091	0.84	0.52	1.00	0.89	1
-	P63220	HUMAN 40S ribosomal protein S21	0.085	0.03	-0.43	-0.66	1.00	1.00	0.99	0.96	1
-	A1XQU3	PIG 60S ribosomal protein L14	-1.62	-1.08	-0.02	0.618	0.77	0.91	1.00	0.97	4
-	P61513	HUMAN 60S ribosomal protein L37a	-0.94	-1.1	-0.35	-0.15	0.96	0.90	0.99	1.00	1
-	Q29315	PIG 60S acidic ribosomal protein P2	0.368	0.459	-0.04	-0.14	0.99	1.00	1.00	1.00	3
-	P62888	HUMAN 60S ribosomal protein L30	-0.82	-1.05	-0.33	0.102	0.96	0.93	1.00	1.00	4
-	P62857	HUMAN 40S ribosomal protein S28	-0.46	-0.86	-0.25	0.024	0.99	0.97	1.00	1.00	2
-	F1SML8	PIG 40S ribosomal protein S6	-1.76	-2.8	-0.71	1.265	0.71	0.12	0.97	0.85	2

P62899	F1SLI2	PIG Uncharacterized protein (Fragment)
-	P46779	HUMAN 60S ribosomal protein L28
P02549	F1RR78	PIG Uncharacterized protein LOC100049693
-	F2Z514	PIG 40S ribosomal protein S27 (Fragment)

-1.13	-0.99	-0.09	0.639	0.93	0.94	1.00	0.96	1
-1.29	-1.89	-0.38	0.557	0.91	0.51	0.99	0.98	3
-0.89	-1.12	-0.83	-0.49	0.96	0.90	0.95	0.98	148
-1	-0.87	-0.7	-0.43	0.96	0.97	0.97	0.99	3

Human equivalent Ac. No.	Accession No.	Protein	Acute renal failure panel							
			Zq (log2 FC)				FDR			
			120	1	4	7	120	1	4	No. peptides
P02675	I3L651	PIG Uncharacterized protein	1.292	2.457	3.366	3.096	0.91	0.24	0.05	27
-	P19619	PIG Annexin A1	0.759	3.181	3.067	2.43	0.97	0.05	0.11	16
-	F1RRX1	PIG Uncharacterized protein LCN2	1.672	3.573	2.143	0.034	0.76	0.02	0.45	5
P43652	F1RUM1	PIG Uncharacterized protein AFM	3.394	2.507	1.493	0.942	0.05	0.22	0.75	8
P01023	I3LQ17	PIG Uncharacterized protein	2.016	1.788	2.079	1.597	0.57	0.57	0.48	50
-	F1SGT4	PIG Uncharacterized protein CD44	1.007	2.072	2.186	1.712	0.96	0.41	0.44	3
-	A2SW51	PIG Monocyte differentiation antigen CD14	1.601	2.47	1.714	1.165	0.78	0.23	0.67	2
-	P14477	PIG Fibrinogen beta chain (Fragment)	-0.18	1.518	1.03	1.911	0.99	0.72	0.92	1
-	P00339	PIG L-lactate dehydrogenase A chain	-0.15	-0.05	1.977	2.197	0.99	1.00	0.53	19
P02452	I3LUM2	PIG Uncharacterized protein	-1.39	0.987	0.66	2.153	0.87	0.94	0.98	2
-	K9J6H8	PIG Alpha-2-macroglobulin	1.728	1.975	1.262	-0.11	0.73	0.47	0.85	3
-	P19620	PIG Annexin A2	-0.12	0.419	1.155	1.75	0.99	1.00	0.89	32
-	A3EX84	PIG Galectin	-0.59	0.06	1.552	2.42	0.99	1.00	0.73	4
-	P32394	PIG Heme oxygenase 1	0.774	0.663	1.096	1.001	0.97	0.99	0.90	7
-	P02675	HUMAN Fibrinogen beta chain	3.779	0.632	-0.02	-0.17	0.02	0.99	1.00	2
P02461	F1RYI8	PIG Uncharacterized protein COL3A1	-0	0.042	1.021	1.81	1.00	1.00	0.92	7
-	P01100	HUMAN Proto-oncogene c-Fos	0.723	0.362	0.213	0.692	0.97	1.01	1.00	1
-	P02452	HUMAN Collagen alpha-1(I) chain	-0.75	0.326	0.6	1.108	0.97	1.00	0.98	8
Q01995	F1SJS8	PIG Uncharacterized protein TAGLN	-0.71	-0.4	0.822	2.502	0.98	1.01	0.96	23

-	P02461	HUMAN Collagen alpha-1(III) chain	-1.32	0.97	0.332	1.023	0.90	0.95	0.99	0.91	2
-	P07437	HUMAN Tubulin beta chain	0.055	-0.02	0.858	1.619	1.00	1.00	0.95	0.79	4
-	Q99988	HUMAN Growth/differentiation factor 15	1.457	0.62	-0.38	-0.32	0.85	0.99	0.99	0.99	1
Q02952	F157W0	PIG Uncharacterized protein (Fragment) AKAP12	0.815	0.327	0.062	0.743	0.96	1.00	1.00	0.96	12
-	F1SKD6	PIG Uncharacterized protein SLC16A7	-1.88	-1.62	-0.93	0.443	0.64	0.66	0.93	0.99	1
-	Q6PQZ1	PIG Aquaporin-1	0.229	0.108	-0.12	-0.02	0.99	1.00	1.00	1.00	2
-	Q02952	HUMAN A-kinase anchor protein 12	0.11	-0.31	0.073	0.937	1.00	1.00	1.00	0.92	1
P55042	I3L820	PIG Uncharacterized protein (Fragment) RRAD	-0.32	-0.77	-0.13	-0.9	1.00	0.98	1.00	0.93	2
P02452	I3LJX2	PIG Uncharacterized protein	-0.76	-1.23	-0.48	0.464	0.97	0.86	0.99	0.98	2
-	Q2VTP6	PIG Peptidyl-prolyl cis-trans isomerase	-0.73	-0.74	-0.51	-0.38	0.97	0.99	0.99	0.99	2
P07305	I3LNZ2	PIG Uncharacterized protein LOC100510904	-0.84	-0.58	-1.28	-0.9	0.96	0.99	0.85	0.92	4
-	P12429	HUMAN Annexin A3	-1.06	-0.99	-1.35	-1.25	0.95	0.94	0.82	0.86	2

Human equivalent Ac. No.	Accession No.	Protein	Extracellular matrix								
			Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	P48819	PIG Vitronectin	1.499	2.251	3.536	2.449	0.83	0.33	0.03	0.48	11
-	O19112	PIG Cartilage intermediate layer protein 1 (Fragment)	2.161	1.223	1.266	2.143	0.49	0.86	0.85	0.58	2
-	F1SGT4	PIG Uncharacterized protein CD44	1.007	2.072	2.186	1.712	0.96	0.41	0.44	0.75	3
P49747	F1S902	PIG Uncharacterized protein COMP	-0.2	0.34	1.825	3.091	0.99	1.01	0.61	0.23	1
-	F1RQI2	PIG Uncharacterized protein COL12A1	0.621	1.007	1.711	3.067	0.98	0.93	0.67	0.24	1
-	Q95285	PIG Collagen alpha 1 (XV) chain (Fragment)	0.803	1.541	1.506	1.639	0.96	0.71	0.75	0.78	1
-	P08123	HUMAN Collagen alpha-2(I) chain	-1.13	1.075	0.496	1.511	0.93	0.92	0.99	0.81	3
P02452	I3LUM2	PIG Uncharacterized protein	-1.39	0.987	0.66	2.153	0.87	0.94	0.98	0.58	2
-	F1SKM1	PIG Uncharacterized protein COL7A1	0.651	1.58	1.918	1.192	0.98	0.68	0.56	0.87	3
-	O00339	HUMAN Matrilin-2	1.314	0.856	0.444	-0.18	0.90	0.97	0.99	0.99	1
Q9H306	F1SV70	PIG Uncharacterized protein MMP27	1.117	1.5	1.747	0.825	0.93	0.72	0.65	0.94	1

P08572	F1RLL9	PIG Uncharacterized protein (Fragment) COL4A2	0.287	0.465	1.047	1.407	1.00	1.00	0.91	0.82	4
-	P08572	HUMAN Collagen alpha-2(IV) chain	2.153	0.896	0.05	1.243	0.49	0.97	1.00	0.86	1
-	P45846	PIG Dermato pontin	1.028	1.087	0.624	1.418	0.95	0.91	0.98	0.82	2
-	Q28833	PIG von Willebrand factor (Fragment)	0.779	1.131	0.987	0.846	0.97	0.90	0.92	0.94	7
-	A5D9K7	PIG Collagen type XI alpha 2	1.002	1.471	0.935	0.465	0.96	0.74	0.93	0.98	2
P02461	F1RYI8	PIG Uncharacterized protein COL3A1	-0	0.042	1.021	1.81	1.00	1.00	0.92	0.73	7
-	Q99542	HUMAN Matrix metalloproteinase-19	3.655	1.055	-0.02	0.373	0.02	0.93	1.00	0.99	1
P20908	F1S021	PIG Uncharacterized protein (Fragment) COL5A1	-0.29	0.554	1.014	1.412	1.00	0.99	0.91	0.82	5
-	F1SLT8	PIG Uncharacterized protein CCDC80	1.632	0.932	0.425	0.42	0.77	0.96	1.00	0.99	1
P13611	F1SX62	PIG Uncharacterized protein VCAN	0.219	0.314	0.867	1.393	0.99	1.00	0.94	0.83	10
-	Q99715	HUMAN Collagen alpha-1(XII) chain	0.605	0.266	0.62	1.264	0.99	1.00	0.98	0.85	17
-	Q59IP1	PIG Procollagen alpha 3(V)	-0.11	0.704	1.016	1.68	1.00	0.99	0.91	0.77	3
-	F1SV48	PIG Uncharacterized protein COL8A2	0.82	0.434	0.522	0.767	0.96	1.01	0.99	0.95	1
-	P02452	HUMAN Collagen alpha-1(I) chain	-0.75	0.326	0.6	1.108	0.97	1.00	0.98	0.88	8
-	I3L8B2	PIG Uncharacterized protein (Fragment) COL9A2	-0.73	3.018	3.035	1.083	0.97	0.08	0.11	0.89	1
-	P02461	HUMAN Collagen alpha-1(III) chain	-1.32	0.97	0.332	1.023	0.90	0.95	0.99	0.91	2
-	P12107	HUMAN Collagen alpha-1(XI) chain	0.491	-0.12	0.759	1.185	0.99	1.00	0.97	0.87	2
P51884	F1SQ09	PIG Uncharacterized protein LUM	0.069	0.596	0.417	1.329	1.00	0.99	1.00	0.83	12
O75718	I3L6R1	PIG Uncharacterized protein CRTAP	0.822	0.673	0.548	1.056	0.96	0.99	0.98	0.90	2
-	F1SSE7	PIG Uncharacterized protein (Fragment) COL15A1	0.657	0.687	-0.22	0.311	0.98	0.99	1.00	0.99	3
-	Q1T7A9	PIG Type VI collagen alpha-1 chain (Fragment)	0.335	0.209	0.108	0.745	1.00	1.00	1.00	0.96	2
P08123	F1SFA7	PIG Uncharacterized protein COL1A2	-0.82	0.537	-0.03	1.099	0.96	0.99	1.00	0.89	11
Q99715	F1RQI0	PIG Uncharacterized protein COL12A1	-0.13	-0.03	0.516	1.35	0.99	1.00	0.99	0.83	6
-	Q1T7A5	PIG Type VI collagen alpha-3 chain (Fragment)	-0.81	-0.48	0.112	1.221	0.96	1.00	1.00	0.86	16
-	P20849	HUMAN Collagen alpha-1(IX) chain	0.445	0.23	0.25	0.101	0.99	1.00	1.00	1.00	1
-	P02458	HUMAN Collagen alpha-1(II) chain	0.283	0.629	-0.17	0.104	0.99	0.99	1.00	1.00	2
P02458	I3LSV6	PIG Uncharacterized protein (Fragment) COL2A1	-0.72	-0.21	-0.1	0.595	0.97	1.00	1.00	0.97	1

Q05707	K7GT00	PIG Uncharacterized protein (Fragment) COL14A1	0.074	0.045	-0.1	0.418	1.00	1.00	1.00	0.99	20
-	P25940	HUMAN Collagen alpha-3(V) chain	-0.21	0.189	-0.24	0.891	0.99	1.00	1.00	0.93	1
P39059	I3LIL7	PIG Uncharacterized protein LOC100620394	0.011	0.088	0.115	0.719	1.00	1.00	1.00	0.96	6
-	P42099	PIG Zona pellucida sperm-binding protein 2	0.39	0.432	-0.15	-0.05	0.99	1.01	1.00	1.00	1
-	F1S405	PIG Uncharacterized protein LTBP1	0.009	0.035	0.077	0.316	1.00	1.00	1.00	0.99	1
-	Q03001	HUMAN Dystonin	0.408	0.263	0.287	0.447	0.99	1.00	1.00	0.99	3
-	F1S2T5	PIG Uncharacterized protein LTBP2	-1.01	-0.77	0.214	1.022	0.96	0.98	1.00	0.91	1
-	F1SFM3	PIG Uncharacterized protein (Fragment) CHL1	1.209	-0.11	0.079	-0.14	0.92	1.00	1.00	1.00	1
-	O75718	HUMAN Cartilage-associated protein	0.178	1.32	0.189	0.541	0.99	0.83	1.00	0.97	1
-	Q9NQ76	HUMAN Matrix extracellular phosphoglycoprotein	-1.05	0.555	0.883	1.355	0.94	0.99	0.94	0.83	1
-	P12109	HUMAN Collagen alpha-1(VI) chain	-1.9	-1.16	-0.27	1.41	0.63	0.89	1.00	0.82	6
-	Q02388	HUMAN Collagen alpha-1(VII) chain	0.482	0.13	0.039	-0.14	0.98	1.00	1.00	1.00	4
-	F1SEN6	PIG Uncharacterized protein MMRN2	1.369	0.263	-0.35	-0.26	0.88	1.00	0.99	0.99	6
P12109	I3LS72	PIG Uncharacterized protein COL6A1	-1.53	-1.43	-0.36	1.474	0.81	0.76	1.00	0.81	10
-	Q59IP2	PIG Procollagen alpha 2(V)	-0.07	-0.44	0.053	0.596	1.00	1.00	1.00	0.97	3
P12110	I3LQ84	PIG Uncharacterized protein	-1.43	-1.24	-0.48	1.033	0.86	0.86	0.99	0.91	21
-	P51884	HUMAN Lumican	0.942	-0.23	-0.36	-0.38	0.96	1.00	0.99	0.99	1
-	Q9UMD9	HUMAN Collagen alpha-1(XVII) chain	-1.29	-0.25	0.153	-1.01	0.91	1.00	1.00	0.91	1
-	P49923	PIG Lipoprotein lipase	0.312	0.327	-0.4	-0.77	1.00	1.00	1.00	0.95	1
-	Q29243	PIG Dystroglycan (Fragment)	-0.36	0.64	-0.11	-0.17	1.00	0.99	1.00	1.00	6
Q13361	F1SLW6	PIG Uncharacterized protein MFAP5	-1.29	-0.99	-0.71	0.227	0.91	0.94	0.97	0.99	1
-	P05997	HUMAN Collagen alpha-2(V) chain	0.608	0.182	0.109	-0.31	0.99	1.00	1.00	0.99	1
P02462	F1RLM1	PIG Uncharacterized protein (Fragment) COL4A1	-0.49	-0.37	-0.18	0.047	0.99	1.01	1.00	1.00	1
P02452	I3LJX2	PIG Uncharacterized protein	-0.76	-1.23	-0.48	0.464	0.97	0.86	0.99	0.98	2
Q05707	F1S285	PIG Uncharacterized protein COL14A1	-1.33	-1.08	-0.81	0.683	0.90	0.91	0.96	0.96	3
-	A6H560	PIG Mmp12 protein	-0.23	-0.16	-0.48	-0.9	1.00	1.00	0.99	0.92	1
-	Q5STAT6	HUMAN Collagen alpha-1(XIII) chain	-0.69	-0.22	0.023	-0.34	0.98	1.00	1.00	0.99	1

-	Q1T7A8	PIG Type VI collagen alpha-1 chain (Fragment)	-0.9	-1.62	-0.95	-0.13	0.96	0.66	0.93	1.00	2
-	Q9XSD9	PIG Decorin	-1.7	-0.55	-0.51	0.501	0.75	0.99	0.99	0.98	13
-	Q14055	HUMAN Collagen alpha-2(IX) chain	-3.61	-3.09	-0.76	1.596	0.03	0.07	0.97	0.80	1
Q8IZC6	I3LDG8	PIG Uncharacterized protein	-2.13	-1.12	-0.55	0.659	0.50	0.90	0.98	0.96	2
-	Q01955	HUMAN Collagen alpha-3(IV) chain	-0.5	0.501	-0.51	-0.37	0.99	1.00	0.99	0.99	1
-	P20908	HUMAN Collagen alpha-1(V) chain	-1.42	-0.7	-0.56	0.256	0.86	0.99	0.98	0.99	1
-	P79311	PIG Collagen alpha 2(I) chain (Fragment)	-1.55	-0.72	-1.68	0.123	0.81	0.99	0.68	1.00	2
-	Q76M96	HUMAN Coiled-coil domain-containing protein 80	-0.9	-1.18	-0.63	-0.29	0.96	0.88	0.98	0.99	2
-	F1RT93	PIG Uncharacterized protein CHAD	-0.66	-0.47	-1.18	-1.34	0.98	1.00	0.88	0.83	1
-	Q05707	HUMAN Collagen alpha-1(XIV) chain	0.118	0.341	-1.16	-1.18	0.99	1.01	0.88	0.87	1
-	P12111	HUMAN Collagen alpha-3(VI) chain	-0.85	-1.36	-1.2	-0.19	0.96	0.80	0.87	0.99	1
Q03001	F1RZU8	PIG Uncharacterized protein (Fragment) DST	-0.8	0.327	-1.77	-1.09	0.96	1.00	0.65	0.89	4
P20849	F1RTT3	PIG Uncharacterized protein COL9A1	-0.03	-0.45	-1.25	-1.35	1.00	1.00	0.85	0.83	2
-	I3LD20	PIG Dystroglycan	-0.97	-0.44	-0.88	-0.76	0.96	1.00	0.94	0.96	8
-	F1SUE9	PIG Uncharacterized protein (Fragment) COL13A1	-1.84	-1.99	-2.15	-1.98	0.68	0.46	0.45	0.67	1

Human equivalent Ac. No.	Accession No.	Collagen Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	F1STZ3	PIG Uncharacterized protein C1QC	2.553	2.481	2.407	1.545	0.30	0.23	0.32	0.80	1
-	Q69DL0	PIG Complement C1q subcomponent subunit A	0.889	2.606	3.095	1.688	0.96	0.18	0.10	0.76	4
-	F1RQI2	PIG Uncharacterized protein COL12A1	0.621	1.007	1.711	3.067	0.98	0.93	0.67	0.24	1
-	Q95285	PIG Collagen alpha 1 (XV) chain (Fragment)	0.803	1.541	1.506	1.639	0.96	0.71	0.75	0.78	1
-	P08123	HUMAN Collagen alpha-2(I) chain	-1.13	1.075	0.496	1.511	0.93	0.92	0.99	0.81	3
-	Q15848	HUMAN Adiponectin	0.918	0.866	1.13	2.405	0.96	0.97	0.90	0.51	1
P02452	I3LUM2	PIG Uncharacterized protein	-1.39	0.987	0.66	2.153	0.87	0.94	0.98	0.58	2
-	F1SKM1	PIG Uncharacterized protein COL7A1	0.651	1.58	1.918	1.192	0.98	0.68	0.56	0.87	3

P08572	F1RLL9	PIG Uncharacterized protein (Fragment) COL4A2	0.287	0.465	1.047	1.407	1.00	1.00	0.91	0.82	4
-	P08572	HUMAN Collagen alpha-2(IV) chain	2.153	0.896	0.05	1.243	0.49	0.97	1.00	0.86	1
-	Q86Y22	HUMAN Collagen alpha-1(XXIII) chain	0.726	0.475	0.946	1.15	0.97	1.00	0.93	0.87	1
-	F1STZ1	PIG Uncharacterized protein C1QB	-0.17	0.685	1.641	0.911	0.99	0.99	0.69	0.92	3
-	A5D9K7	PIG Collagen type XI alpha 2	1.002	1.471	0.935	0.465	0.96	0.74	0.93	0.98	2
P02461	F1RYI8	PIG Uncharacterized protein COL3A1	-0	0.042	1.021	1.81	1.00	1.00	0.92	0.73	7
P20908	F1S021	PIG Uncharacterized protein (Fragment) COL5A1	-0.29	0.554	1.014	1.412	1.00	0.99	0.91	0.82	5
-	Q99715	HUMAN Collagen alpha-1(XII) chain	0.605	0.266	0.62	1.264	0.99	1.00	0.98	0.85	17
-	Q59IP1	PIG Procollagen alpha 3(V)	-0.11	0.704	1.016	1.68	1.00	0.99	0.91	0.77	3
-	F1SV48	PIG Uncharacterized protein COL8A2	0.82	0.434	0.522	0.767	0.96	1.01	0.99	0.95	1
-	P02452	HUMAN Collagen alpha-1(I) chain	-0.75	0.326	0.6	1.108	0.97	1.00	0.98	0.88	8
-	I3L8B2	PIG Uncharacterized protein (Fragment) COL9A2	-0.73	3.018	3.035	1.083	0.97	0.08	0.11	0.89	1
-	P02461	HUMAN Collagen alpha-1(III) chain	-1.32	0.97	0.332	1.023	0.90	0.95	0.99	0.91	2
-	P12107	HUMAN Collagen alpha-1(XI) chain	0.491	-0.12	0.759	1.185	0.99	1.00	0.97	0.87	2
-	F1SSE7	PIG Uncharacterized protein (Fragment) COL15A1	0.657	0.687	-0.22	0.311	0.98	0.99	1.00	0.99	3
-	Q1T7A9	PIG Type VI collagen alpha-1 chain (Fragment)	0.335	0.209	0.108	0.745	1.00	1.00	1.00	0.96	2
P08123	F1SFA7	PIG Uncharacterized protein COL1A2	-0.82	0.537	-0.03	1.099	0.96	0.99	1.00	0.89	11
Q99715	F1RQI0	PIG Uncharacterized protein COL12A1	-0.13	-0.03	0.516	1.35	0.99	1.00	0.99	0.83	6
-	Q1T7A5	PIG Type VI collagen alpha-3 chain (Fragment)	-0.81	-0.48	0.112	1.221	0.96	1.00	1.00	0.86	16
-	P20849	HUMAN Collagen alpha-1(IX) chain	0.445	0.23	0.25	0.101	0.99	1.00	1.00	1.00	1
-	P02458	HUMAN Collagen alpha-1(II) chain	0.283	0.629	-0.17	0.104	0.99	0.99	1.00	1.00	2
P02458	I3LSV6	PIG Uncharacterized protein (Fragment) COL2A1	-0.72	-0.21	-0.1	0.595	0.97	1.00	1.00	0.97	1
Q05707	K7GT00	PIG Uncharacterized protein (Fragment) COL14A1	0.074	0.045	-0.1	0.418	1.00	1.00	1.00	0.99	20
-	P25940	HUMAN Collagen alpha-3(V) chain	-0.21	0.189	-0.24	0.891	0.99	1.00	1.00	0.93	1
P39059	I3LIL7	PIG Uncharacterized protein LOC100620394	0.011	0.088	0.115	0.719	1.00	1.00	1.00	0.96	6
-	F1S422	PIG Uncharacterized protein (Fragment) COL23A1	-1.34	-1.04	0.046	1.754	0.89	0.93	1.00	0.74	1
-	P12109	HUMAN Collagen alpha-1(VI) chain	-1.9	-1.16	-0.27	1.41	0.63	0.89	1.00	0.82	6

-	Q02388	HUMAN Collagen alpha-1(VII) chain	0.482	0.13	0.039	-0.14	0.98	1.00	1.00	1.00	4
P12109	I3LS72	PIG Uncharacterized protein COL6A1	-1.53	-1.43	-0.36	1.474	0.81	0.76	1.00	0.81	10
-	Q59IP2	PIG Procollagen alpha 2(V)	-0.07	-0.44	0.053	0.596	1.00	1.00	1.00	0.97	3
P12110	I3LQ84	PIG Uncharacterized protein	-1.43	-1.24	-0.48	1.033	0.86	0.86	0.99	0.91	21
-	Q9UMD9	HUMAN Collagen alpha-1(XVII) chain	-1.29	-0.25	0.153	-1.01	0.91	1.00	1.00	0.91	1
-	P05997	HUMAN Collagen alpha-2(V) chain	0.608	0.182	0.109	-0.31	0.99	1.00	1.00	0.99	1
P02462	F1RLM1	PIG Uncharacterized protein (Fragment) COL4A1	-0.49	-0.37	-0.18	0.047	0.99	1.01	1.00	1.00	1
-	B9UJD6	PIG C1q and tumor necrosis factor related protein 3 isoform b	-0.91	-0.56	-0.15	-0.18	0.96	0.99	1.00	0.99	1
P02452	I3LX2	PIG Uncharacterized protein	-0.76	-1.23	-0.48	0.464	0.97	0.86	0.99	0.98	2
-	I3LGX5	PIG Collagen, type IV, alpha 3 (Goodpasture antigen) binding protein tv2	-1.39	-1.17	-0.22	0.448	0.87	0.88	1.00	0.99	1
Q05707	F1S285	PIG Uncharacterized protein COL14A1	-1.33	-1.08	-0.81	0.683	0.90	0.91	0.96	0.96	3
-	Q5STAT6	HUMAN Collagen alpha-1(XIII) chain	-0.69	-0.22	0.023	-0.34	0.98	1.00	1.00	0.99	1
-	Q1T7A8	PIG Type VI collagen alpha-1 chain (Fragment)	-0.9	-1.62	-0.95	-0.13	0.96	0.66	0.93	1.00	2
-	Q14055	HUMAN Collagen alpha-2(IX) chain	-3.61	-3.09	-0.76	1.596	0.03	0.07	0.97	0.80	1
Q8IZC6	I3LDG8	PIG Uncharacterized protein	-2.13	-1.12	-0.55	0.659	0.50	0.90	0.98	0.96	2
-	Q01955	HUMAN Collagen alpha-3(IV) chain	-0.5	0.501	-0.51	-0.37	0.99	1.00	0.99	0.99	1
-	P20908	HUMAN Collagen alpha-1(V) chain	-1.42	-0.7	-0.56	0.256	0.86	0.99	0.98	0.99	1
-	P79311	PIG Collagen alpha 2(I) chain (Fragment)	-1.55	-0.72	-1.68	0.123	0.81	0.99	0.68	1.00	2
-	Q3HUX1	PIG Fatty acid translocase/CD36	-0.69	-0.18	-0.77	-0.95	0.98	1.00	0.97	0.92	8
-	Q05707	HUMAN Collagen alpha-1(XIV) chain	0.118	0.341	-1.16	-1.18	0.99	1.01	0.88	0.87	1
-	P12111	HUMAN Collagen alpha-3(VI) chain	-0.85	-1.36	-1.2	-0.19	0.96	0.80	0.87	0.99	1
P20849	F1RTT3	PIG Uncharacterized protein COL9A1	-0.03	-0.45	-1.25	-1.35	1.00	1.00	0.85	0.83	2
-	K9J4M9	PIG Collectin sub-family member 12	-1.22	-1.36	-0.52	-1.12	0.92	0.80	0.99	0.88	1
-	F1SP14	PIG Uncharacterized protein AMACR	-1.27	-1.48	-1.49	-1.01	0.91	0.73	0.75	0.92	2
-	F1SUE9	PIG Uncharacterized protein (Fragment) COL13A1	-1.84	-1.99	-2.15	-1.98	0.68	0.46	0.45	0.67	1

Human

Renal toxicity biomarker panel

equivalent Ac. No.	Accession No.	Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	I3LQR9	PIG Fibrinogen alpha chain	1.343	2.49	3.618	3.539	0.89	0.23	0.03	0.11	11
-	F1RX36	PIG Fibrinogen alpha chain	0.735	2.968	4.25	3.62	0.97	0.09	0.00	0.09	4
-	F1SQZ6	PIG Uncharacterized protein SLC01A2	1.718	1.769	0.349	0.643	0.73	0.58	0.99	0.96	1
-	P35624	PIG Metalloproteinase inhibitor 1	0.697	0.958	1.523	0.204	0.98	0.95	0.74	0.99	1
-	P14460	PIG Fibrinogen alpha chain (Fragment)	0.285	0.985	0.488	0.584	0.99	0.94	0.99	0.97	2
-	P14287	PIG Osteopontin	0.038	0.042	0.493	1.487	1.00	1.00	0.99	0.81	6
-	O02705	PIG Heat shock protein HSP 90-alpha	-0.49	-0.34	0.936	1.245	0.99	1.01	0.93	0.86	44
-	Q06AA3	PIG Regucalcin	2.663	0.882	0.006	-0.31	0.24	0.97	1.00	0.99	1
-	F1SKD6	PIG Uncharacterized protein SLC16A7	-1.88	-1.62	-0.93	0.443	0.64	0.66	0.93	0.99	1
-	P04792	HUMAN Heat shock protein beta-1	0.135	-0	0.099	0.358	0.99	1.00	1.00	0.99	1
-	P09211	HUMAN Glutathione S-transferase P	0.826	0.113	-0.36	-0.54	0.96	1.00	0.99	0.97	1
-	P80031	PIG Glutathione S-transferase P	0.268	0.17	-0.19	-0.08	0.99	1.00	1.00	1.00	6
-	Q5S1U1	PIG Heat shock protein beta-1	-0.97	-0.29	0.266	0.559	0.96	1.00	1.00	0.98	11
Vesicle-mediated transport											
Human equivalent Ac. No.	Accession No.	Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	P18648	PIG Apolipoprotein A-I	2.421	2.571	1.779	1.218	0.36	0.19	0.64	0.86	34
-	P08835	PIG Serum albumin	3.428	2.943	2.28	1.742	0.04	0.09	0.39	0.75	27
-	I3L818	PIG Uncharacterized protein (Fragment) SERPINF2	1.263	1.742	2.977	2.046	0.91	0.59	0.12	0.65	4
-	P42768	HUMAN Wiskott-Aldrich syndrome protein	2.094	1.578	1.393	1.428	0.52	0.69	0.80	0.82	1
-	Q9GKQ6	PIG Biglycan (Fragments)	1.016	0.999	1.649	3.165	0.96	0.94	0.69	0.22	8
-	P02768	HUMAN Serum albumin	1.769	2.264	1.765	0.632	0.71	0.32	0.65	0.96	3
-	P09571	PIG Serotransferrin	3.225	2.269	1.463	1.179	0.07	0.32	0.76	0.87	33
P01023	I3LQ17	PIG Uncharacterized protein	2.016	1.788	2.079	1.597	0.57	0.57	0.48	0.80	50

P52565	F1SQW8	PIG Uncharacterized protein ARHGDIB	0.663	1.135	1.733	1.67	0.98	0.89	0.67	0.77	10
P40121	F1SVB0	PIG Uncharacterized protein CAPG	0.855	1.012	2.202	2.241	0.96	0.94	0.43	0.55	9
-	P50447	PIG Alpha-1-antitrypsin	2.605	2.139	1.561	1.19	0.27	0.38	0.73	0.87	12
-	Q9H0H5	HUMAN Rac GTPase-activating protein 1	1.535	2.025	1.57	1.573	0.81	0.44	0.72	0.80	1
-	Q0PM28	PIG Pigment epithelium-derived factor	1.395	1.762	1.394	1.491	0.87	0.58	0.80	0.81	13
Q5T5C0	I3LTV2	PIG Uncharacterized protein	0.542	1.49	1.002	1.257	0.98	0.73	0.92	0.85	1
-	Q29268	PIG Syntaxin-binding protein 2 (Fragment)	1.659	1.992	1.646	0.824	0.76	0.46	0.69	0.94	1
-	P61421	HUMAN V-type proton ATPase subunit d 1	1.043	1.46	1.179	1.319	0.95	0.74	0.88	0.84	3
-	H0Y9H1	HUMAN Calnexin (Fragment)	1.048	2.633	3.115	0.64	0.95	0.17	0.09	0.96	1
O43752	F1S678	PIG Uncharacterized protein STX6	0.804	1.686	2.414	1.817	0.96	0.63	0.31	0.73	1
P04114	I3LKZ1	PIG Uncharacterized protein	0.847	1.018	1.486	1.379	0.96	0.93	0.75	0.83	16
P04114	F1SCV8	PIG Uncharacterized protein (Fragment)	1.058	1.399	1.319	1.01	0.95	0.78	0.83	0.92	25
Q7KZF4	F1SML4	PIG Uncharacterized protein SND1	1.231	0.699	1.266	1.425	0.91	0.99	0.85	0.82	10
-	H0YA55	HUMAN Serum albumin (Fragment)	2.347	2.004	1.349	1.456	0.39	0.45	0.82	0.82	1
P31946	F1SDR7	PIG Uncharacterized protein YWHAB	0.492	0.396	0.958	1.315	0.99	1.00	0.93	0.84	8
-	O77735	PIG Secretory carrier-associated membrane protein 1	0.736	0.815	1.384	0.678	0.97	0.98	0.80	0.96	1
-	I3LKI1	PIG Uncharacterized protein SRGN	1.718	1.809	1.266	0.4	0.73	0.56	0.85	0.99	2
-	K9J6H8	PIG Alpha-2-macroglobulin	1.728	1.975	1.262	-0.11	0.73	0.47	0.85	1.00	3
-	F1SS42	PIG Uncharacterized protein AP1G2	0.919	0.759	1.472	1.661	0.96	0.99	0.76	0.77	1
-	F1SG75	PIG Uncharacterized protein SSPN	1.227	1.728	1.329	2.361	0.91	0.61	0.83	0.52	1
P15313	F1RMZ8	PIG Uncharacterized protein ATP6V1B2	0.741	1.146	1.276	0.687	0.97	0.89	0.85	0.96	6
P35443	F1RF28	PIG Uncharacterized protein	0.181	0.143	0.961	1.717	0.99	1.00	0.93	0.75	9
P51149	F1SPG0	PIG Uncharacterized protein (Fragment) RAB7A	0.737	0.657	1.126	0.947	0.97	0.99	0.90	0.92	7
-	G3V387	HUMAN Short peptide from AAT (Fragment)	1.437	1.245	0.788	0.556	0.85	0.86	0.96	0.98	1
Q9BTT0	F1SDG7	PIG Uncharacterized protein ANP32E	1.081	1.466	0.959	0.246	0.94	0.74	0.93	0.99	1
-	A1E295	PIG Cathepsin B	0.227	0.213	1.518	2.323	1.00	1.00	0.75	0.52	6
-	P19620	PIG Annexin A2	-0.12	0.419	1.155	1.75	0.99	1.00	0.89	0.74	32

O95782	I3LK24	PIG Uncharacterized protein AP2A1	1.336	1.124	1.066	1.158	0.89	0.90	0.91	0.87	8
O94855	F1S155	PIG Uncharacterized protein SEC24D	1.647	0.784	0.626	0.606	0.76	0.98	0.98	0.97	3
P49755	F1S2Q3	PIG Uncharacterized protein TMED10	0.791	0.745	0.848	0.841	0.96	0.99	0.95	0.94	6
P63010	I3L6Y6	PIG Uncharacterized protein (Fragment) AP2B1	0.682	0.119	0.767	1.037	0.98	1.00	0.97	0.91	13
-	Q29021	PIG Apolipoprotein B (Fragment)	1.063	0.566	0.926	0.508	0.95	0.99	0.93	0.98	12
-	Q28833	PIG von Willebrand factor (Fragment)	0.779	1.131	0.987	0.846	0.97	0.90	0.92	0.94	7
-	P15145	PIG Aminopeptidase N	5.262	2.949	-0.21	-0.64	0.00	0.09	1.00	0.96	1
P12814	I3LS04	PIG Uncharacterized protein (Fragment)	-0.39	-0.3	0.908	2.173	0.99	1.00	0.93	0.60	18
-	Q15907	HUMAN Ras-related protein Rab-11B	0.973	0.714	0.354	0.264	0.96	0.99	0.99	0.99	1
O43242	F1RXA7	PIG Uncharacterized protein LOC100512253	0.293	-0.02	0.434	0.77	1.00	1.00	0.99	0.95	13
-	P35624	PIG Metalloproteinase inhibitor 1	0.697	0.958	1.523	0.204	0.98	0.95	0.74	0.99	1
-	Q9GMB0	PIG Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1	-0.15	0.209	0.794	1.095	0.99	1.00	0.96	0.89	19
-	P20112	PIG SPARC	-0.07	0.244	1.339	1.478	1.00	1.00	0.82	0.81	5
P12814	I3LIK6	PIG Uncharacterized protein	-0.26	-0.39	0.658	1.7	0.99	1.01	0.98	0.75	9
-	Q06AU3	PIG Ras-related protein Rab-3A	0.219	0.181	0.706	1.309	0.99	1.00	0.97	0.84	1
-	Q7L1I2	HUMAN Synaptic vesicle glycoprotein 2B	1.052	0.63	0.688	0.845	0.95	0.99	0.97	0.94	1
-	F1SVB3	PIG Uncharacterized protein (Fragment) TGOLN2	0.717	0.321	0.59	0.614	0.97	1.00	0.98	0.97	1
-	Q8MJ37	PIG Ran (Fragment)	-0.73	-0.48	0.884	1.357	0.97	1.00	0.94	0.83	3
P48444	I3LBY0	PIG Uncharacterized protein ARCN1	-0.09	0.069	0.605	1.333	1.00	1.00	0.98	0.83	9
-	P14287	PIG Osteopontin	0.038	0.042	0.493	1.487	1.00	1.00	0.99	0.81	6
-	F1RUN2	PIG Serum albumin	1.327	0.551	0.491	0.512	0.90	0.99	0.99	0.98	2
-	P51149	HUMAN Ras-related protein Rab-7a	-0.06	0.407	0.918	1.113	1.00	1.01	0.93	0.88	3
O94979	F1RVD4	PIG Uncharacterized protein SEC31A	0.072	0.034	0.689	1.377	1.00	1.00	0.97	0.83	14
-	I3LB80	PIG Uncharacterized protein (Fragment) SLC3A2	0.615	1.022	0.619	0.623	0.98	0.93	0.98	0.96	3
-	Q06AU6	PIG Ras-related protein Rab-5A	1.162	0.505	0.57	0.648	0.93	1.00	0.98	0.96	5
Q15437	F1SBH2	PIG Uncharacterized protein SEC23B	0.493	1.077	1.156	0.622	0.99	0.91	0.89	0.96	2
-	K7EM20	HUMAN 14-3-3 protein epsilon (Fragment)	0.556	0.167	0.379	-0.04	0.98	1.00	0.99	1.00	1

-	P31146	HUMAN Coronin-1A	-0.49	0.502	0.76	0.4	0.99	1.00	0.97	0.99	1
Q8WVM8	F1SHF4	PIG Uncharacterized protein SCFD1	1.016	0.525	0.344	0.443	0.96	1.00	0.99	0.99	6
-	P54709	HUMAN Sodium/potassium-transporting ATPase subunit beta-3	0.977	1.346	0.23	0.245	0.96	0.81	1.00	0.99	2
P53992	F1SU53	PIG Uncharacterized protein SEC24C	0.192	0.117	0.305	0.607	0.99	1.00	1.00	0.97	2
-	B5LX40	PIG Adaptor protein phosphotyrosine interaction PH domain and leucine zipper	1.024	0.083	0.162	0.266	0.95	1.00	1.00	0.99	3
-	F1SOV3	PIG Annexin (Fragment)	0.339	0.395	0.242	0.585	1.00	1.00	1.00	0.97	31
-	F1SI24	PIG Synaptosomal-associated protein	0.106	-0.22	0.418	0.972	1.00	1.00	1.00	0.92	3
-	J3KP28	HUMAN Synaptotagmin-like protein 2	0.751	0.582	0.252	0.748	0.97	0.99	1.00	0.96	1
-	Q52NJ0	PIG Prenylated Rab acceptor protein 1	1.173	0.283	0.379	0.476	0.93	1.00	0.99	0.98	1
Q15436	F1SHL3	PIG Uncharacterized protein SEC23A	-0.51	-0.09	0.687	1.236	0.99	1.00	0.97	0.86	3
P27105	F1SMD7	PIG Uncharacterized protein STOM	0.206	0.689	0.466	0.347	0.99	0.99	0.99	0.99	5
O95486	F1S129	PIG Uncharacterized protein (Fragment) SEC24B	0.926	0.662	0.18	-0.15	0.96	0.99	1.00	1.00	2
-	Q52NJ1	PIG Ras-related protein Rab-11A	-0.13	0.323	0.347	0.312	0.99	1.00	0.99	0.99	9
Q7KZF4	I3LDE1	PIG Uncharacterized protein LOC100521234	0.514	-0.25	0.333	0.902	0.99	1.00	1.00	0.92	3
O43707	F1RI39	PIG Uncharacterized protein LOC100517284	0.113	-0.14	0.346	0.844	1.00	1.00	0.99	0.94	37
O43852	F1SMN1	PIG Uncharacterized protein (Fragment) CALU	0.836	1.341	0.57	0.984	0.96	0.81	0.98	0.92	11
P57088	F1S4G6	PIG Uncharacterized protein TMEM33	0.016	0.096	0.27	0.216	1.00	1.00	1.00	0.99	1
Q9P2U7	F1RHZ7	PIG Uncharacterized protein SLC17A7	0.817	0.155	0.169	0.222	0.96	1.00	1.00	0.99	1
P61020	I3LFZ8	PIG Uncharacterized protein (Fragment) RAB5B	0.588	0.421	-0.34	-0.68	0.98	1.01	0.99	0.96	3
-	Q9MZ46	PIG Crocalbin-like protein (Fragment)	-0.78	0.469	0.446	1.227	0.97	1.00	0.99	0.86	9
-	F1RP38	PIG Uncharacterized protein BCAN	0.108	0.664	0.161	0.07	1.00	0.99	1.00	1.00	1
Q9NRW1	F2Z5S1	PIG Uncharacterized protein (Fragment) RAB6B	-0.03	0.126	-0	0.22	1.00	1.00	1.00	0.99	4
H7C4W3	K7GNZ1	PIG Uncharacterized protein (Fragment) SYP	0.975	0.942	-0.05	-1.02	0.96	0.96	1.00	0.91	1
-	F1SOV2	PIG Annexin	-0.31	-0.33	-0.16	0.543	1.00	1.01	1.00	0.97	5
-	P08133	HUMAN Annexin A6	0.779	0.511	0.159	-0.57	0.97	1.00	1.00	0.97	1
-	D6RB85	HUMAN Calnexin (Fragment)	-0.04	-0	0.714	1.048	1.00	1.00	0.97	0.91	1
Q9UL25	F1SH25	PIG Uncharacterized protein RAB21	0.282	-0.46	-0.21	0.005	0.99	1.00	1.00	1.00	2

-	I3LBF3	PIG Uncharacterized protein RILP	0.31	0.119	-0.21	0.192	1.00	1.00	1.00	0.99	1
-	I3LBS8	PIG Uncharacterized protein SYNRG	-0.05	-0.41	-0.29	0.225	1.00	1.01	1.00	0.99	1
P63000	I3LFI0	PIG Uncharacterized protein (Fragment) RAC1	0.262	-0.24	0.024	0.243	0.99	1.00	1.00	0.99	3
-	Q96CW1	HUMAN AP-2 complex subunit mu	-0.22	-0.35	0.111	0.525	0.99	1.01	1.00	0.98	4
-	P04114	HUMAN Apolipoprotein B-100	0.647	-0.06	-0.2	0.209	0.98	1.00	1.00	0.99	6
-	P62258	HUMAN 14-3-3 protein epsilon	0.205	-0.79	-0.49	-0.06	0.99	0.99	0.99	1.00	5
-	Q710C4	PIG Adenosylhomocysteinase	-0.55	-1.01	0.101	0.583	0.99	0.94	1.00	0.97	10
-	Q13554	HUMAN Calcium/calmodulin-dependent protein kinase type II subunit beta	0.052	-0.54	-0.25	-0.67	1.00	0.99	1.00	0.96	2
-	F8WCP1	HUMAN ALS2 C-terminal-like protein	0.274	-0.15	0.065	-0.14	0.99	1.00	1.00	1.00	1
Q12846	F1RIR2	PIG Uncharacterized protein STX4	-0.8	-0.24	-0.22	-0.07	0.96	1.00	1.00	1.00	2
-	A0SNV3	PIG Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein	-0.86	-0.88	0.181	0.714	0.96	0.97	1.00	0.96	7
-	F1S2E2	PIG Annexin	-0.14	0.054	-0.1	-0.2	0.99	1.00	1.00	0.99	14
-	Q8HZV3	PIG Transferrin receptor protein 1	0.137	-0.12	-0.31	-0.37	0.99	1.00	1.00	0.99	15
-	P56377	HUMAN AP-1 complex subunit sigma-2	1.459	1.474	-0.53	-1.05	0.84	0.73	0.98	0.91	1
-	Q9BTT0	HUMAN Acidic leucine-rich nuclear phosphoprotein 32 family member E	-1.95	-1.17	0.096	0.862	0.61	0.88	1.00	0.94	2
-	Q52NJ6	PIG Ras-related protein Rab-14	0.116	0.082	-0.13	-0.07	0.99	1.00	1.00	1.00	5
-	M3VH45	PIG Annexin	-0.03	0.459	-0.36	-0.07	1.00	1.00	1.00	1.00	4
-	P05024	PIG Sodium/potassium-transporting ATPase subunit alpha-1	-0.65	-0.35	-0.48	-0.52	0.98	1.01	0.99	0.98	39
-	P12814	HUMAN Alpha-actinin-1	-1	-1.06	-0.14	2.457	0.96	0.92	1.00	0.48	4
-	P02818	HUMAN Osteocalcin	1.316	2.546	0.353	-0.78	0.90	0.20	0.99	0.95	1
-	P07101	HUMAN Tyrosine 3-monooxygenase	-0.44	1.034	-0.37	-0.29	0.99	0.93	0.99	0.99	1
-	P62826	HUMAN GTP-binding nuclear protein Ran	-1.42	-0.65	0.072	0.237	0.86	0.99	1.00	0.99	3
-	I3LR17	PIG Uncharacterized protein CORO1A	-0.46	-1.08	-0.95	0.639	0.99	0.91	0.93	0.96	1
-	Q29245	PIG Clathrin coat assembly protein AP50 (Fragment)	-0.59	-0.69	-0.61	-0.04	0.98	0.99	0.98	1.00	1
-	H3BPJ5	HUMAN Synaptogyrin-3 (Fragment)	-0.55	-0.84	-0.34	0.16	0.98	0.98	0.99	1.00	1
-	I3L812	PIG Uncharacterized protein TPP1	-0.17	-0.43	-0.15	0.228	0.99	1.01	1.00	0.99	1
-	K9IVU3	PIG AP-1 complex subunit gamma-1	-0.59	-0.46	-0.58	-0.01	0.99	1.00	0.98	1.00	1

-	F1RZJ0	PIG Uncharacterized protein (Fragment) RAB11FIP1	-0.99	-0.64	0.354	0.035	0.96	0.99	0.99	1.00	1
P62258	K7GP62	PIG Uncharacterized protein	-0.39	-1.02	-0.58	-0.18	0.99	0.93	0.98	0.99	5
Q9BT88	I3LSH0	PIG Uncharacterized protein	-1.17	-0.96	0.195	0.352	0.93	0.95	1.00	0.99	1
O94973	F1RZ02	PIG Uncharacterized protein (Fragment) AP2A2	0.005	-0.57	-0.52	-0.27	1.00	0.99	0.99	0.99	3
Q86Y82	I3LHT9	PIG Uncharacterized protein STX12	-0.2	-0.04	-0.37	-0.44	0.99	1.00	0.99	0.99	3
Q96KG9	F1RRK0	PIG Uncharacterized protein SCYL1	-0.74	-0.81	-0.49	0.006	0.97	0.98	0.99	1.00	2
-	P20303	PIG Solute carrier family 2, facilitated glucose transporter member 1 (Fragment)	0.019	-0.1	-0.9	-0.87	1.00	1.00	0.93	0.93	1
Q9HCH5	F1STT2	PIG Uncharacterized protein SYTL2	-1.2	-0.72	-0.22	-0.32	0.92	0.99	1.00	0.99	1
-	F1STQ1	PIG Uncharacterized protein (Fragment) SYTL1	1.255	-0.51	-0.68	-0.39	0.91	1.00	0.97	0.99	2
-	I3L9F1	PIG Uncharacterized protein (Fragment) BSG	-0.57	0.312	-0.62	-1.26	0.98	1.00	0.98	0.85	6
-	Q2QLE2	PIG Caveolin-2	-1.4	-1.04	-0.93	-0.49	0.87	0.93	0.93	0.98	2
P21579	F1RYK1	PIG Uncharacterized protein SYT1	-0.86	-1.35	-1.21	-0.78	0.96	0.81	0.86	0.95	2
-	Q7JFN4	PIG Calcium/calmodulin-dependent protein kinase II isoform gamma-B	-0.72	-0.84	-0.92	-0.55	0.97	0.98	0.93	0.97	3
-	F1RVY9	PIG Uncharacterized protein UNC13D	1.892	-1.65	-1.3	-1.12	0.63	0.65	0.83	0.88	1
Q7L0J3	F1SDF9	PIG Uncharacterized protein SV2A	-1.21	-0.63	-1.49	-1.25	0.92	0.99	0.75	0.85	1
-	P10323	HUMAN Acrosin	-0.87	-0.24	-0.98	-0.41	0.96	1.00	0.92	0.99	1
-	O75843	HUMAN AP-1 complex subunit gamma-like 2	-0.94	-0.91	-1.05	-1.21	0.96	0.96	0.91	0.87	1
-	P15203	PIG Transforming growth factor beta-3	-1.66	-0.54	-1.4	-2.16	0.76	0.99	0.80	0.59	1
Q13554	F1SSH3	PIG Uncharacterized protein	-0.19	-1.04	-1.03	-1.08	0.99	0.93	0.92	0.89	1
O00186	F1S5Y5	PIG Uncharacterized protein STXBP3	-1.65	-1.84	-1.55	-0.82	0.76	0.54	0.73	0.94	4
-	Q9N1X4	PIG Pulmonary surfactant-associated protein D	-1.81	-1.04	-1.32	-1.06	0.69	0.93	0.83	0.90	1
P12814	I3LCP0	PIG Uncharacterized protein (Fragment) LOC100519531	-1.57	-2.46	-1.73	-1.53	0.80	0.23	0.66	0.80	11
-	Q6UV40	PIG Fructose-bisphosphate aldolase A (Fragment)	-1.82	-2.69	-1.62	-0.99	0.68	0.15	0.70	0.92	5
-	P04075	HUMAN Fructose-bisphosphate aldolase A	-1.91	-2.87	-1.65	-1.09	0.62	0.11	0.69	0.89	16
-	Q95266	PIG Calcium/calmodulin-dependent protein kinase type II subunit delta	-2.12	-2.99	-1.67	-1.05	0.51	0.08	0.69	0.91	16
-	Q9Y296	HUMAN Trafficking protein particle complex subunit 4	-1.51	-2	-2.25	-1.88	0.83	0.45	0.40	0.70	1
-	Q96AX2	HUMAN Ras-related protein Rab-37	-1.89	-3.3	-2.5	-1.7	0.63	0.04	0.28	0.75	1

P12814	F1RHL9	PIG Uncharacterized protein ACTN2	-2.02	-3.39	-2.64	-2.17	0.57	0.03	0.23	0.59	55
Human equivalent			Angiogenesis								
Ac. No.	Accession No.	Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	P35054	PIG Transforming growth factor beta receptor type 3	4.203	5.916	2.7	0.092	0.00	0.00	0.21	1.00	1
-	P00747	HUMAN Plasminogen	1.196	4.368	3.759	1.98	0.93	0.00	0.02	0.67	1
P04196	F1SFI5	PIG Uncharacterized protein HRG	2.263	3.28	1.95	1.42	0.44	0.04	0.55	0.82	12
-	P06867	PIG Plasminogen	1.073	2.63	3.175	1.432	0.94	0.17	0.08	0.82	13
-	F1SB81	PIG Plasminogen	0.204	2.644	2.932	2.36	0.99	0.17	0.14	0.52	2
-	P08670	HUMAN Vimentin	1.094	1.74	2.384	3.078	0.94	0.60	0.33	0.24	1
P98095	F1SPG5	PIG Uncharacterized protein LOC100738595	1.026	0.998	1.976	3.221	0.95	0.94	0.53	0.20	4
P05546	F1RKY2	PIG Uncharacterized protein SERPIND1	2.37	2.011	1.585	1.229	0.38	0.44	0.72	0.86	9
P02749	I3LGN5	PIG Uncharacterized protein (Fragment)	1.686	2.42	2.192	1.502	0.75	0.25	0.44	0.81	1
-	Q9H8V3	HUMAN Protein ECT2	2.675	2.623	1.772	1.08	0.24	0.17	0.64	0.89	1
-	P02543	PIG Vimentin	0.055	0.626	1.889	3.031	1.00	0.99	0.57	0.25	50
P02751	F1SS24	PIG Uncharacterized protein FN1	0.527	0.684	1.731	2.499	0.99	0.99	0.67	0.46	63
-	P29590	HUMAN Protein PML	1.274	2.803	2.666	0.78	0.91	0.12	0.22	0.95	1
-	Q0PM28	PIG Pigment epithelium-derived factor	1.395	1.762	1.394	1.491	0.87	0.58	0.80	0.81	13
-	Q9BY76	HUMAN Angiopoietin-related protein 4	1.476	1.112	1.427	1.342	0.84	0.90	0.78	0.83	1
Q13214	F1SPP4	PIG Uncharacterized protein SEMA3B	-0.02	2.759	3.172	0.88	1.00	0.14	0.08	0.93	1
-	Q03167	HUMAN Transforming growth factor beta receptor type 3	1.054	2.843	2.575	0.73	0.95	0.11	0.25	0.96	1
-	Q02297	HUMAN Pro-neuregulin-1, membrane-bound isoform	0.258	2.377	1.5	0.9	0.99	0.27	0.75	0.92	1
-	Q15848	HUMAN Adiponectin	0.918	0.866	1.13	2.405	0.96	0.97	0.90	0.51	1
-	Q19AZ5	PIG Antithrombin protein	1.401	1.523	1.301	1.017	0.87	0.72	0.84	0.91	17
-	Q8WMQ3	PIG CD9 antigen	0.139	1.238	2.075	1.81	0.99	0.86	0.48	0.73	1
-	Q8WWQ8	HUMAN Stabilin-2	0.536	0.792	1.622	1.83	0.98	0.98	0.70	0.73	1

-	Q06AT6	PIG RHOG	0.201	0.185	1.47	1.842	0.99	1.00	0.76	0.72	5
P84095	I3L725	PIG Uncharacterized protein RHOG	1.999	1.423	1.208	0.98	0.58	0.77	0.86	0.92	2
P35968	K7GNY2	PIG Uncharacterized protein (Fragment) KDR	1.298	0.004	0.28	0.158	0.91	1.00	1.00	1.00	1
-	P24821	HUMAN Tenascin	0.849	1.05	0.949	0.978	0.96	0.93	0.93	0.92	2
-	Q764M5	PIG Signal transducer and activator of transcription 1	1.111	0.314	0.849	0.971	0.94	1.00	0.95	0.92	14
-	E9PNH7	HUMAN Alpha-crystallin B chain (Fragment)	0.091	0.38	1.155	0.679	1.00	1.01	0.89	0.96	1
-	K9IVP5	PIG N-myosin-9	0.302	0.419	1.155	2.007	1.00	1.00	0.89	0.66	14
-	P21333	HUMAN Filamin-A	-0.08	0.1	1.221	2.285	1.00	1.00	0.86	0.54	60
P08572	F1RLL9	PIG Uncharacterized protein (Fragment) COL4A2	0.287	0.465	1.047	1.407	1.00	1.00	0.91	0.82	4
-	P08572	HUMAN Collagen alpha-2(IV) chain	2.153	0.896	0.05	1.243	0.49	0.97	1.00	0.86	1
-	Q9BX79	HUMAN Stimulated by retinoic acid gene 6 protein homolog	0.277	0.459	1.807	2.327	0.99	1.00	0.63	0.53	1
-	F1SIW0	PIG Uncharacterized protein STAB1	1.787	1.642	1.45	0.314	0.70	0.65	0.77	0.99	2
-	A1E295	PIG Cathepsin B	0.227	0.213	1.518	2.323	1.00	1.00	0.75	0.52	6
-	G9FSR3	PIG Non-muscle myosin heavy chain II A (Fragment)	0.202	0.322	0.959	1.505	0.99	1.00	0.93	0.81	27
-	F2Z5E2	PIG Uncharacterized protein SERPINC1	0.492	1.09	0.925	0.744	0.99	0.91	0.93	0.96	3
-	K7GLU6	PIG Uncharacterized protein ERAP1	1.378	1.339	0.939	0.43	0.88	0.81	0.93	0.99	2
-	H9LBP0	PIG Serpin peptidase inhibitor clade D member 1 (Fragment)	0.678	1.787	1.933	0.65	0.98	0.57	0.55	0.96	2
Q86UX7	F1RQ01	PIG Uncharacterized protein FERMT3	0.785	1.243	1.309	0.999	0.96	0.86	0.83	0.92	8
-	F1S4D7	PIG Uncharacterized protein GBP1	0.767	0.923	0.748	0.547	0.97	0.96	0.97	0.97	4
P54577	I3L5T8	PIG Uncharacterized protein YARS	1.163	0.515	0.827	0.79	0.92	1.00	0.95	0.95	6
-	A3EX84	PIG Galectin	-0.59	0.06	1.552	2.42	0.99	1.00	0.73	0.50	4
-	P32394	PIG Heme oxygenase 1	0.774	0.663	1.096	1.001	0.97	0.99	0.90	0.92	7
-	O14746	HUMAN Telomerase reverse transcriptase	1.55	1.253	1.069	0.831	0.81	0.85	0.91	0.94	3
-	Q9UP79	HUMAN A disintegrin and metalloproteinase with thrombospondin motifs 8	0.998	3.322	0.015	-0.82	0.96	0.04	1.00	0.94	1
-	P15145	PIG Aminopeptidase N	5.262	2.949	-0.21	-0.64	0.00	0.09	1.00	0.96	1
-	P02751	HUMAN Fibronectin	0.889	0.355	0.789	0.961	0.96	1.01	0.96	0.92	5
-	P79335	PIG Plasminogen activator inhibitor 1	1.745	1.24	0.6	0.308	0.72	0.86	0.98	0.99	2

-	P54577	HUMAN Tyrosine--tRNA ligase, cytoplasmic	0.757	1.253	1.555	0.269	0.97	0.85	0.73	0.99	1
-	Q29116	PIG Tenascin	0.059	-0.29	0.598	1.922	1.00	1.00	0.98	0.68	30
-	Q4GWZ2	PIG 40S ribosomal protein SA	0.322	0.154	1.18	1.259	1.00	1.00	0.88	0.85	8
-	P37176	PIG Endoglin	1.135	1.103	0.629	0.132	0.93	0.90	0.98	1.00	3
-	F1SPK8	PIG Uncharacterized protein CD63	0.774	0.457	1.041	1.036	0.97	1.00	0.91	0.91	3
-	P20112	PIG SPARC	-0.07	0.244	1.339	1.478	1.00	1.00	0.82	0.81	5
Q16270	F1RVH7	PIG Uncharacterized protein IGFBP7	0.645	0.393	0.616	1.113	0.98	1.00	0.98	0.88	1
-	Q5SZJ2	HUMAN Endorepellin (Fragment)	1.005	0.285	0.387	1.002	0.96	1.00	0.99	0.92	1
-	K7ENN9	HUMAN Arachidonate 12-lipoxygenase, 12S-type (Fragment)	1.849	1.505	-0.17	0.266	0.66	0.72	1.00	0.99	1
P49591	F1S5Z3	PIG Uncharacterized protein SARS	-0.38	0.37	0.752	1.188	0.99	1.01	0.97	0.87	7
-	Q95295	PIG Tryptophanyl-tRNA synthase (Fragment)	0.423	-0.07	0.068	1.278	0.99	1.00	1.00	0.85	1
-	O75628	HUMAN GTP-binding protein REM 1	0.972	0.175	0.617	0.389	0.96	1.00	0.98	0.99	1
-	P18054	HUMAN Arachidonate 12-lipoxygenase, 12S-type	0.231	1.471	0.483	0.48	0.99	0.74	0.99	0.98	1
-	Q000H8	PIG Glutathione S-transferase mu 2 (Fragment)	1.946	1.781	0.072	0.231	0.61	0.57	1.00	0.99	2
-	P79275	PIG Rho A (Fragment)	0.67	0.219	0.385	0.604	0.98	1.00	0.99	0.97	1
-	Q9UII2	HUMAN ATPase inhibitor, mitochondrial	6.597	3.521	-1.98	-2.31	0.00	0.02	0.53	0.53	1
-	O75369	HUMAN Filamin-B	0.497	0.223	0.379	0.756	0.99	1.00	0.99	0.96	20
-	I3LC64	PIG Uncharacterized protein ECM1	0.462	0.779	0.586	0.406	0.99	0.98	0.98	0.99	5
-	P61224	HUMAN Ras-related protein Rap-1b	0.293	0.069	0.337	0.642	1.00	1.00	0.99	0.96	2
-	K9IVV5	PIG Tryptophan--tRNA ligase, cytoplasmic isoform a	0.216	0.238	0.374	0.469	0.99	1.00	0.99	0.98	5
-	K9IVM8	PIG Ubiquitin carboxyl-terminal hydrolase CYLD isoform 2	-0.24	1.365	1.671	0.288	0.99	0.80	0.68	0.99	1
-	F1SJM0	PIG Uncharacterized protein PTX3	0.746	0.777	0.278	0.354	0.97	0.98	1.00	0.99	2
O75369	F1SGJ3	PIG Uncharacterized protein FLNB	0.994	0.164	-0.01	0.447	0.96	1.00	1.00	0.99	6
P19338	I3LRH2	PIG Uncharacterized protein LOC100519984	-0.44	0.21	0.589	0.441	0.99	1.00	0.98	0.99	19
P29317	F1SUT8	PIG Uncharacterized protein EPHA2	0.223	0.748	1.057	0.298	0.99	0.99	0.91	0.99	1
-	O18866	PIG Calcium-activated potassium channel subunit alpha-1 (Fragment)	0.86	0.128	-0.19	-0.33	0.96	1.00	1.00	0.99	1
-	P55290	HUMAN Cadherin-13	-0.01	0.582	0.145	0.507	1.00	0.99	1.00	0.98	2

-	H0YI37	HUMAN ATP synthase subunit beta, mitochondrial (Fragment)	0.52	0.072	0.166	-0.07	0.99	1.00	1.00	1.00	1
Q86UE4	F1S0L8	PIG Uncharacterized protein MTDH	0.061	0.11	0.327	0.766	1.00	1.00	1.00	0.95	6
Q9Y696	I3L8R1	PIG Uncharacterized protein	-0.06	-0.07	0.339	0.295	1.00	1.00	0.99	0.99	1
-	Q2YHQ3	PIG Filamin-A (Fragment)	-0.85	-0.14	0.589	1.154	0.96	1.00	0.98	0.87	9
-	F1SFW3	PIG Guanylate cyclase (Fragment)	0.397	0.082	0.089	-0.18	0.99	1.00	1.00	0.99	1
-	P24259	PIG Natriuretic peptides A	0.098	0.088	0.114	-0.09	1.00	1.00	1.00	1.00	1
P62834	I3LF84	PIG Uncharacterized protein RAP1A	-0.64	-0.46	0.321	0.797	0.98	1.00	1.00	0.95	6
-	F1SK64	PIG Uncharacterized protein ROBO1	-0.17	-0.2	-0.18	-0.13	0.99	1.00	1.00	1.00	1
-	Q6PQZ1	PIG Aquaporin-1	0.229	0.108	-0.12	-0.02	0.99	1.00	1.00	1.00	2
-	Q7M2W6	PIG Alpha-crystallin B chain	-0.8	0.114	0.825	0.744	0.96	1.00	0.96	0.96	13
P63000	I3LFI0	PIG Uncharacterized protein (Fragment) RAC1	0.262	-0.24	0.024	0.243	0.99	1.00	1.00	0.99	3
-	P04792	HUMAN Heat shock protein beta-1	0.135	-0	0.099	0.358	0.99	1.00	1.00	0.99	1
Q8NHM5	I3LL74	PIG Uncharacterized protein (Fragment)	0.387	-0.28	-0.24	-0.31	0.99	1.00	1.00	0.99	3
-	P10775	PIG Ribonuclease inhibitor	0.05	-0.75	0.282	0.658	1.00	0.99	1.00	0.96	4
-	P13489	HUMAN Ribonuclease inhibitor	-0.27	-0.65	-0.1	0.054	0.99	0.99	1.00	1.00	1
-	F8WDM7	HUMAN Caveolin-1	0.136	-0.19	0.03	0.123	0.99	1.00	1.00	1.00	1
-	K7GS51	PIG Uncharacterized protein (Fragment) ITGA1	0.839	0.124	-0.4	-0.61	0.96	1.00	1.00	0.97	2
P98160	F1SU00	PIG Uncharacterized protein (Fragment)	-0.28	-0.8	-0.31	0.608	0.99	0.99	1.00	0.97	2
-	P23471	HUMAN Receptor-type tyrosine-protein phosphatase zeta	-0.01	-0.06	-1.04	-1.14	1.00	1.00	0.92	0.88	2
-	A0SNV3	PIG Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein	-0.86	-0.88	0.181	0.714	0.96	0.97	1.00	0.96	7
-	F1RYZ1	PIG Uncharacterized protein CD151	-1.39	-0.49	-0.1	0.537	0.87	1.00	1.00	0.97	1
P98160	I3LLD8	PIG Uncharacterized protein (Fragment) LOC100626701	0.104	-0.1	-0.33	-0.29	1.00	1.00	0.99	0.99	9
-	Q9Y696	HUMAN Chloride intracellular channel protein 4	-0.13	-0.53	-0.43	0.276	0.99	1.00	1.00	0.99	4
-	Q5S1U1	PIG Heat shock protein beta-1	-0.97	-0.29	0.266	0.559	0.96	1.00	1.00	0.98	11
-	P98160	HUMAN Basement membrane-specific heparan sulfate proteoglycan core protein	-0.56	-0.67	-0.28	0.217	0.98	0.99	1.00	0.99	12
-	Q99466	HUMAN Neurogenic locus notch homolog protein 4	-0.42	-1.07	-0.81	-0.71	0.99	0.92	0.96	0.96	1
P98160	F1SU03	PIG Uncharacterized protein HSPG2	-0.15	-0.58	-0.34	0.021	0.99	0.99	1.00	1.00	19

-	H0YCW8	HUMAN Alpha-crystallin B chain (Fragment)	-0.75	-0.71	-0.65	-0.26	0.97	0.99	0.98	0.99	1
P98160	I3LAA4	PIG Uncharacterized protein	-0.78	-1.16	-0.29	0.207	0.97	0.89	1.00	0.99	5
Q13740	K7GLE8	PIG Uncharacterized protein (Fragment) ALCAM	0.904	0.38	-0.45	-0.93	0.96	1.01	0.99	0.92	5
P55290	I3LRQ0	PIG Uncharacterized protein	0.722	0.861	-0.74	-1.1	0.97	0.98	0.97	0.89	4
Q13191	F1SAH0	PIG Uncharacterized protein CBL	-1.12	-0.99	-0.4	-0.07	0.93	0.94	1.00	1.00	1
P62834	F2Z5K3	PIG Uncharacterized protein RAP1A	-0.66	-0.46	-0.52	-0.56	0.98	1.00	0.99	0.98	1
-	O02840	PIG Cadherin-5	-0.47	-0.08	-0.33	-0.24	0.99	1.00	1.00	0.99	4
-	Q9BDE7	PIG Activated leukocyte cell adhesion molecule (Fragment)	-0.85	-0.51	-0.56	-0.67	0.96	1.00	0.98	0.96	3
-	A6H560	PIG Mmp12 protein	-0.23	-0.16	-0.48	-0.9	1.00	1.00	0.99	0.92	1
-	P62745	HUMAN Rho-related GTP-binding protein RhoB	-0.07	-0.52	-0.56	-0.28	1.00	1.00	0.98	0.99	1
-	Q9XSD9	PIG Decorin	-1.7	-0.55	-0.51	0.501	0.75	0.99	0.99	0.98	13
-	A8D737	PIG T-cadherin	-0.27	0.171	-0.58	-0.7	0.99	1.00	0.98	0.96	13
P02549	F1RR78	PIG Uncharacterized protein LOC100049693	-0.89	-1.12	-0.83	-0.49	0.96	0.90	0.95	0.98	148
-	F1RSV5	PIG Forkhead box O4	-0.75	-0.56	-0.81	-0.25	0.97	0.99	0.96	0.99	1
-	Q01955	HUMAN Collagen alpha-3(IV) chain	-0.5	0.501	-0.51	-0.37	0.99	1.00	0.99	0.99	1
-	P01160	HUMAN Natriuretic peptides A	-1.37	-1.54	-0.79	-0.51	0.88	0.71	0.96	0.98	1
-	Q0QEM6	PIG ATP synthase subunit beta (Fragment)	0.153	0.159	-1.28	-1.95	0.99	1.00	0.85	0.67	37
-	Q6RVA9	PIG Caveolin-1	-1.6	-1.09	-1.11	-0.81	0.78	0.91	0.91	0.95	7
-	A4GV94	PIG Bactericidal permeability increasing protein	-1.28	-1.07	-0.95	-0.64	0.91	0.92	0.93	0.96	1
-	Q96DR7	HUMAN Rho guanine nucleotide exchange factor 26	-0.87	0.121	-1.02	-1.86	0.96	1.00	0.92	0.71	1
-	P16066	HUMAN Atrial natriuretic peptide receptor 1	-0.8	-1.03	-1.39	-2.04	0.96	0.93	0.80	0.65	1
-	P08059	PIG Glucose-6-phosphate isomerase	-1.6	-2.26	-0.87	-0.44	0.78	0.32	0.94	0.99	19
-	P12429	HUMAN Annexin A3	-1.06	-0.99	-1.35	-1.25	0.95	0.94	0.82	0.86	2
-	I3LS68	PIG Uncharacterized protein ARHGEF26	-1.77	-1.65	-1.74	-1.61	0.71	0.65	0.66	0.80	1
-	Q03135	HUMAN Caveolin-1	-0.66	-1.44	-1.89	-1.92	0.98	0.75	0.57	0.69	1
-	Q8WNW4	PIG Beta-catenin	-1.48	-1.78	-1.42	-1.11	0.84	0.57	0.79	0.88	19
-	P06576	HUMAN ATP synthase subunit beta, mitochondrial	-0.71	-0.81	-1.77	-2.75	0.98	0.98	0.65	0.38	1

-	Q9BEA8	PIG Tumor necrosis factor ligand superfamily member 6	-1.93	-2.14	-1.74	-1.38	0.62	0.38	0.66	0.83	1
-	P42771	HUMAN Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3	-2.45	-2.67	-1.57	-1.95	0.34	0.16	0.72	0.68	1
-	P28827	HUMAN Receptor-type tyrosine-protein phosphatase mu	-2.84	-2.43	-2.72	-3.45	0.17	0.25	0.21	0.14	1
-	Q29307	PIG ATPase inhibitor, mitochondrial	-3.77	-3.11	-3.79	-3.16	0.02	0.06	0.02	0.22	7

Human equivalent Ac. No.	Accession No.	Protein	Regulation of gene expression								No. peptides
			Zq (log2 FC)				FDR				
			120	1	4	7	120	1	4	7	
-	P62495	HUMAN Eukaryotic peptide chain release factor subunit 1	1.202	0.88	1.131	1.201	0.92	0.97	0.90	0.87	4
-	K9IW91	PIG GCN1 general control of amino-acid synthesis 1-like 1	0.123	1.455	2.566	1.199	0.99	0.74	0.25	0.87	2
-	P21333	HUMAN Filamin-A	-0.08	0.1	1.221	2.285	1.00	1.00	0.86	0.54	60
-	A6M931	PIG Eukaryotic initiation factor 4A-III	-0.78	-0.39	1.27	1.894	0.97	1.01	0.85	0.69	6
-	D3K5N7	PIG ELAV (Embryonic lethal, abnormal vision, Drosophila)-like 1	1.296	0.864	0.741	0.884	0.90	0.97	0.97	0.93	4
-	Q13144	HUMAN Translation initiation factor eIF-2B subunit epsilon	1.552	1.443	0.786	0.019	0.81	0.75	0.96	1.00	1
-	F1RFM6	PIG Uncharacterized protein (Fragment) EIF2AK1	0.467	0.957	0.971	1.24	0.99	0.95	0.93	0.86	1
-	F1RI41	PIG Eukaryotic translation initiation factor 3 subunit K	0.95	0.482	0.492	0.621	0.96	1.00	0.99	0.96	2
Q04637	I3LMH4	PIG Uncharacterized protein EIF4G1	0.27	0.154	1.092	1.275	0.99	1.00	0.90	0.85	16
-	Q9Y3I1	HUMAN F-box only protein 7	-0.99	0.645	-0.2	1.517	0.96	0.99	1.00	0.81	1
-	M3TYC1	PIG Eukaryotic translation initiation factor 3 subunit B	0.217	0.38	0.771	0.752	0.99	1.01	0.97	0.96	10
-	F2Z5J8	PIG Eukaryotic translation initiation factor 2 subunit 1	0.501	-0.02	0.384	0.66	0.99	1.00	0.99	0.96	11
Q92616	F1RJK5	PIG Uncharacterized protein (Fragment) GCN1L1	0.695	1.452	1.205	-0.55	0.98	0.75	0.87	0.97	2
-	F1S1J9	PIG Eukaryotic translation initiation factor 3 subunit H	0.132	-0.24	0.371	0.69	0.99	1.00	0.99	0.96	3
-	Q2YHQ3	PIG Filamin-A (Fragment)	-0.85	-0.14	0.589	1.154	0.96	1.00	0.98	0.87	9
P23588	I3LFM8	PIG Uncharacterized protein EIF4B	-0.71	-0.37	0.231	0.215	0.98	1.01	1.00	0.99	1
-	P60228	HUMAN Eukaryotic translation initiation factor 3 subunit E	0.303	0.348	0.218	0.389	1.00	1.01	1.00	0.99	1
Q9NZJ5	K7GP80	PIG Uncharacterized protein EIF2AK3	0.228	-0.38	-0.02	0.094	1.00	1.01	1.00	1.00	1
-	H0YEI7	HUMAN Eukaryotic translation initiation factor 4 gamma 2 (Fragment)	0.102	-1.19	-0.82	-0.64	1.00	0.88	0.96	0.96	1

P06730	F1S0B9	PIG Uncharacterized protein EIF4E
-	M3VK13	PIG Eukaryotic translation initiation factor 5 tv1
-	P23588	HUMAN Eukaryotic translation initiation factor 4B
-	I3LN50	PIG Uncharacterized protein EIF2B3
-	D2KMN4	PIG Glial cell-line derived neurotrophic factor (Fragment)
-	Q9P2K8	HUMAN Eukaryotic translation initiation factor 2-alpha kinase 4

-1.25	-0.87	0.616	0.877	0.91	0.97	0.98	0.93	3
-0.44	-0.32	0.095	0.297	0.99	1.00	1.00	0.99	5
-0.99	-0.33	0.013	0.22	0.96	1.00	1.00	0.99	3
-1.09	-1.5	-0.99	-0.04	0.94	0.72	0.92	1.00	1
-1.47	-1.63	-1.22	-0.94	0.84	0.66	0.86	0.92	1
-0.92	-1.05	-1.63	-1.73	0.96	0.93	0.70	0.75	1

Human equivalent Ac. No.	Accession No.	Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
	O15072	HUMAN A disintegrin and metalloproteinase with thrombospondin motifs 3	0.919	6.026	6.044	2.485	0.957	5E-07	1E-06	0.47	1
	Q8SPS7	PIG Haptoglobin	3.055	3.505	4.406	2.82	0.11	0.022	0.002	0.361	14
F1S0J2	F1S0J2	PIG Uncharacterized protein C4BPA	2.001	2.623	2.88	2.022	0.578	0.175	0.152	0.654	4
F1STZ3	F1STZ3	PIG Uncharacterized protein C1QC	2.553	2.481	2.407	1.545	0.298	0.226	0.317	0.799	1
	Q69DL0	PIG Complement C1q subcomponent subunit A	0.889	2.606	3.095	1.688	0.957	0.179	0.099	0.762	4
	P01025	PIG Complement C3	2.501	1.593	1.876	1.685	0.32	0.675	0.582	0.766	83
P02748	F1SMJ6	PIG Uncharacterized protein (Fragment) C9	0.764	1.829	2.012	1.352	0.968	0.546	0.513	0.829	7
	A5D9P0	PIG Ring finger protein 1	1.541	1.903	1.613	2.745	0.81	0.505	0.7	0.376	1
P01024	I3LTB8	PIG Uncharacterized protein	1.888	1.799	1.664	1.131	0.632	0.562	0.687	0.881	2
	Q9TUQ3	PIG Complement component C7	1.658	1.551	1.261	0.905	0.757	0.705	0.851	0.925	7
F1S790	F1S790	PIG Uncharacterized protein C8B	1.473	1.677	1.526	0.922	0.842	0.638	0.743	0.921	3
	I3L8K6	PIG E3 ubiquitin-protein ligase	1.44	2.889	2.067	0.225	0.852	0.102	0.485	0.991	1
	B0LFE9	PIG Complement component 4	1.503	1.43	1.345	1.384	0.828	0.763	0.821	0.826	38
	F1SPT0	PIG Ubiquitin carboxyl-terminal hydrolase	2.268	1.108	0.843	0.346	0.43	0.9	0.953	0.99	1
K7GQI7	K7GQI7	PIG Uncharacterized protein PYCARD	1.114	1.225	1.766	1.394	0.934	0.861	0.649	0.825	4
	Q6VPV1	PIG Complement component C5	1.127	1.588	1.7	1.062	0.934	0.678	0.673	0.902	20

	A0SEH3	PIG Complement component C8G	1.471	1.551	1.249	0.718	0.841	0.706	0.854	0.963	5
	Q9N2I1	PIG Caspase-1	0.133	1.248	1.213	1.396	0.993	0.856	0.863	0.824	1
E7EMW7	I3LN69	PIG Uncharacterized protein (Fragment)	0.889	1.612	1.847	1.31	0.957	0.664	0.602	0.84	1
	Q69DK8	PIG Complement C1s subcomponent	1.744	1.63	0.966	0.578	0.72	0.658	0.928	0.972	4
	F1SMJ1	PIG Complement component C7 (Fragment)	0.624	1.35	1.158	1.129	0.985	0.807	0.887	0.88	1
F1SUE6	F1SUE6	PIG Uncharacterized protein TYSND1	1.556	0.895	1.198	1.283	0.804	0.967	0.869	0.848	1
	K9J4S2	PIG E3 ubiquitin-protein ligase TRIM11	0.881	1.476	1.577	1.615	0.957	0.732	0.722	0.791	1
F1SMI8	F1SMI8	PIG Uncharacterized protein C6	0.829	1.231	1.636	1.397	0.963	0.863	0.697	0.823	2
	Q9UPU5	HUMAN Ubiquitin carboxyl-terminal hydrolase 24	1.66	1.187	1.224	1.536	0.759	0.879	0.861	0.804	1
	F1SBA5	PIG Proteasome subunit alpha type	0.333	0.715	1.508	1.06	0.997	0.992	0.749	0.903	2
Q9UBT2	F1RNU6	PIG Uncharacterized protein UBA2	1.14	0.983	0.734	0.693	0.933	0.943	0.969	0.963	1
	A1E295	PIG Cathepsin B	0.227	0.213	1.518	2.323	0.996	1.001	0.747	0.522	6
	Q96T88	HUMAN E3 ubiquitin-protein ligase UHRF1	-0.16	0.136	1.062	1.923	0.99	1.004	0.91	0.684	1
F1S0J3	F1S0J3	PIG Uncharacterized protein C4BPB	-0.28	1.227	2.281	1.471	0.995	0.863	0.389	0.811	1
	P20618	HUMAN Proteasome subunit beta type-1	4.728	4.26	-0.39	-0.22	5E-04	0.002	0.994	0.991	1
F1RSC3	F1RSC3	PIG Uncharacterized protein SCPEP1	0.989	0.406	0.882	1.552	0.955	1.006	0.942	0.799	6
F1SU29	F1SU29	PIG Uncharacterized protein (Fragment) RANBP2	0.419	0.211	0.599	1.047	0.99	1.001	0.984	0.904	2
	K9J6J4	PIG Caspase-7 isoform alpha	1.101	0.318	0.463	0.811	0.937	0.999	0.988	0.947	3
	P0COL4	HUMAN Complement C4-A	-0.26	0.046	0.268	1.351	0.993	1.001	1.001	0.829	1
Q99460	F1SMW9	PIG Uncharacterized protein PSMD1	1.099	0.749	0.758	0.83	0.939	0.989	0.966	0.942	6
Q86VP6	F1RYI3	PIG Uncharacterized protein CAND1	0.815	0.456	0.667	0.797	0.961	1.001	0.974	0.949	11
	F1SKI2	PIG Ubiquitin carboxyl-terminal hydrolase (Fragment)	1.268	0.898	0.643	0.477	0.908	0.968	0.98	0.984	1
	Q9UP79	HUMAN A disintegrin and metalloproteinase with thrombospondin motifs 8	0.998	3.322	0.015	-0.82	0.957	0.037	1.001	0.943	1
	P15145	PIG Aminopeptidase N	5.262	2.949	-0.21	-0.64	5E-05	0.09	0.999	0.964	1
	B6DT15	PIG Ubiquitin carboxyl-terminal hydrolase	0.592	-0.41	0.826	1.094	0.987	1.006	0.954	0.89	2
F1S6S9	F1S6S9	PIG Uncharacterized protein PRTN3	1.217	1.718	0.811	-0.17	0.919	0.612	0.958	0.996	1

	P49720	HUMAN Proteasome subunit beta type-3	0.515	1.23	1.61	0.449	0.989	0.862	0.701	0.986	2
F1STZ1	F1STZ1	PIG Uncharacterized protein C1QB	-0.17	0.685	1.641	0.911	0.989	0.992	0.695	0.923	3
	Q29384	PIG Proteasome subunit beta type-4 (Fragment)	1.28	0.45	0.829	0.79	0.91	1.003	0.954	0.95	2
I3LCC6	I3LCC6	PIG Uncharacterized protein (Fragment) PSMB3	1.337	0.941	1.05	0.587	0.895	0.955	0.91	0.971	1
O75155	I3LPW6	PIG Uncharacterized protein (Fragment)	1.257	1.437	0.684	-0.04	0.908	0.758	0.971	1	2
Q9UKU6	F1SH20	PIG Uncharacterized protein TRHDE	0.536	0.018	0.634	0.985	0.984	0.999	0.981	0.919	1
O75155	I3LES1	PIG Uncharacterized protein	0.67	0.315	0.596	0.789	0.982	1	0.983	0.95	1
	P61960	HUMAN Ubiquitin-fold modifier 1	-0.09	0.61	0.756	0.85	0.997	0.994	0.967	0.939	1
	Q5VWC4	HUMAN 26S proteasome non-ATPase regulatory subunit 4	1.258	0.539	0.294	0.058	0.909	0.994	0.999	0.998	1
	Q9Y4X5	HUMAN E3 ubiquitin-protein ligase ARIH1	1.17	0.616	0.564	0.424	0.925	0.993	0.982	0.988	1
O14818	I3LVJ7	PIG Uncharacterized protein (Fragment) PSMA7	0.261	-0.25	0.881	0.946	0.993	1	0.943	0.918	3
	Q6SEG5	PIG Ubiquitin carboxyl-terminal hydrolase isozyme L1	1.161	0.377	0.407	0.97	0.925	1.006	0.996	0.917	2
P67812	I3LF38	PIG Uncharacterized protein (Fragment) SEC11A	0.399	0.542	0.76	0.791	0.991	0.992	0.967	0.952	2
	Q8WU17	HUMAN E3 ubiquitin-protein ligase RNF139	0.069	0.513	0.738	0.88	0.997	0.998	0.968	0.93	1
F1RNP8	F1RNP8	PIG Uncharacterized protein ANAPC5	1.053	1.407	0.273	-0.28	0.946	0.777	1.001	0.987	1
F1SU85	F1SU85	PIG Uncharacterized protein (Fragment) ANAPC1	0.818	0.636	0.131	-0.07	0.962	0.994	1.002	0.997	1
	O14818	HUMAN Proteasome subunit alpha type-7	0.405	-0.31	0.563	0.798	0.991	1	0.981	0.949	4
	P35750	PIG Calpain-1 catalytic subunit	0.312	0.258	0.474	0.457	0.997	0.999	0.987	0.988	14
F1RG00	F1RG00	PIG Uncharacterized protein (Fragment) PSMA5	1.215	0.329	0.188	0.139	0.92	1.005	1.001	0.996	1
	P60900	HUMAN Proteasome subunit alpha type-6	0.358	0.224	0.152	0.097	0.996	1.002	1.001	0.999	2
	Q9H0M0	HUMAN NEDD4-like E3 ubiquitin-protein ligase WWP1	-0.19	-0.24	0.143	1.325	0.991	1.002	1.002	0.833	1
	A0SEH0	PIG Complement component C6	0.592	0.5	0.728	0.5	0.986	0.999	0.969	0.98	7
	F4ZS20	PIG Ubiquitin-conjugating enzyme E2L 6	0.26	0.025	0.524	0.064	0.993	1	0.985	0.998	2
	P00736	HUMAN Complement C1r subcomponent	-0.56	0.502	0.99	0.49	0.984	0.999	0.924	0.981	1
	A5D9J4	PIG Proteasome subunit beta type	0.54	0.562	0.543	0.473	0.985	0.99	0.981	0.984	1
	Q32YV9	PIG Proteasome 26S subunit non-ATPase 4	0.532	0.871	0.496	0.493	0.986	0.971	0.988	0.98	6
	P61086	HUMAN Ubiquitin-conjugating enzyme E2 K	0.382	-0.46	0.005	0.612	0.994	1.002	0.999	0.966	4

	P19205	PIG Acylamino-acid-releasing enzyme	0.524	0.781	0.548	0.012	0.987	0.985	0.982	1.001	5
	F1ST02	PIG Proteasome subunit beta type	-0.11	-0.65	0.401	0.505	0.996	0.993	0.995	0.978	2
	H0Y4S7	HUMAN RanBP-type and C3HC4-type zinc finger-containing protein 1 (Fragment)	0.357	0.675	0.268	0.268	0.996	0.991	1	0.986	1
Q9HB71	F1S710	PIG Uncharacterized protein CACYBP	-0.4	-0.1	0.506	0.796	0.991	1.002	0.987	0.95	6
O00231	F1RKW8	PIG Uncharacterized protein (Fragment) PSMD11	0.18	-0.12	0.345	0.46	0.989	1.003	0.994	0.986	10
	A1XQU1	PIG Proteasome subunit beta type-7	-0.16	-0.43	0.216	0.423	0.99	1.006	1	0.988	5
	Q863Z0	PIG Proteasome activator complex subunit 2	-0.18	-0.22	0.396	0.824	0.989	1.001	0.995	0.943	7
	O00231	HUMAN 26S proteasome non-ATPase regulatory subunit 11	-0.62	-0.25	0.63	0.82	0.983	1	0.98	0.942	1
P54725	F1SD96	PIG Uncharacterized protein (Fragment) RAD23A	-0.01	0.292	0.624	0.224	1	1	0.978	0.99	5
	A7XUJ6	PIG TNF receptor-associated factor 6	0.197	-0.65	0.55	0.873	0.991	0.992	0.982	0.932	1
P35998	I3LJ30	PIG Uncharacterized protein	0.343	0.073	0.362	0.451	0.998	1.003	0.996	0.986	11
	G3DRF8	PIG Proteasome subunit beta type	0.603	-0.18	0.215	0.457	0.986	1.003	1	0.987	4
Q16401	F1SME6	PIG Uncharacterized protein	0.933	0.621	0.011	-0.15	0.955	0.993	1	0.997	3
	Q9Y4E6	HUMAN WD repeat-containing protein 7	-0.27	-0.01	0.2	-0.12	0.993	0.999	1	0.998	1
	P62197	PIG 26S protease regulatory subunit 8	0.485	0.442	0.246	0.176	0.985	1.005	1.001	0.993	11
Q9BZ11	F1S8C4	PIG Uncharacterized protein ADAM33	0.608	-0.31	-0.29	-0.36	0.986	1	1.001	0.989	1
P51665	I3L6B9	PIG Uncharacterized protein PSMD7	-0.3	0.152	0.553	0.47	0.997	1.004	0.981	0.985	1
	B6VAQ2	PIG Proteasome subunit alpha type 6	0.316	-0.25	0.257	0.417	0.997	1	1.001	0.988	6
O00232	F1RSM2	PIG Uncharacterized protein PSMD12	-0.51	-0.4	0.643	0.445	0.988	1.006	0.98	0.987	3
Q9UNM6	F1RGC9	PIG Uncharacterized protein PSMD13	0.884	0.424	-0.07	-0	0.956	1.006	0.998	1	6
F1SU56	F1SU56	PIG Uncharacterized protein (Fragment) USP54	0.483	1.02	0.179	0.191	0.985	0.934	1	0.992	1
	P63053	PIG Ubiquitin-60S ribosomal protein L40	-0.81	-0.23	0.438	0.706	0.962	1.001	0.992	0.961	9
	I3LQ51	PIG Proteasome subunit beta type	0.294	-0.21	0.161	0.221	0.996	1.001	1.002	0.99	8
	D7RA34	PIG Autophagy related 12-like protein	0.299	-0.26	-0.27	-0.17	0.995	0.999	1	0.995	1
P07357	F1S788	PIG Uncharacterized protein (Fragment) C8A	0.717	0.082	0.21	0.226	0.974	1.002	0.999	0.992	5
	F1SKD5	PIG Ubiquitin carboxyl-terminal hydrolase	0.544	0.602	0.207	-0	0.984	0.992	0.999	1	1
P48556	F1RKI9	PIG Uncharacterized protein PSMD8	-0.12	0.28	0.499	0.317	0.994	0.998	0.987	0.99	4

	P25786	HUMAN Proteasome subunit alpha type-1	-0.37	-0.79	0.17	0.368	0.996	0.985	1.002	0.989	13
	I3LQD3	PIG Calpain-2 catalytic subunit (Fragment)	0.423	0.034	-0.01	0.047	0.99	1.001	0.999	1	1
	P28066	HUMAN Proteasome subunit alpha type-5	1.092	0.072	0.045	0.101	0.939	1.002	1.002	0.998	7
	O97506	PIG Kallikrein	0.582	-0.7	-0.27	0.079	0.984	0.991	1	0.998	4
	Q64L94	PIG Proteasome activator complex subunit 1	-0.21	-0.13	0.337	0.437	0.992	1.004	0.994	0.987	14
F1SHV8	F1SHV8	PIG Uncharacterized protein UBE3C	1.512	0.711	-0.5	-0.75	0.828	0.992	0.988	0.958	1
P55072	F1SIH8	PIG Uncharacterized protein LOC100516776	-0.11	-0.27	0.246	0.408	0.995	0.999	1.002	0.988	1
	P25787	HUMAN Proteasome subunit alpha type-2	0.104	-0.34	0.035	0.142	0.996	1.007	1	0.997	3
	P60468	HUMAN Protein transport protein Sec61 subunit beta	0.273	-0.62	-0.23	0.16	0.994	0.993	1.001	0.998	1
	P63279	HUMAN SUMO-conjugating enzyme UBC9	-0.33	-0.34	0.195	0.421	0.997	1.006	1	0.988	2
	F1SLS7	PIG Autophagy-related protein 3	0.035	-0.17	0.115	0.251	0.999	1.004	1.002	0.987	3
Q99460	I3LB90	PIG Uncharacterized protein	0.35	-0.1	-0.12	-0.1	0.995	1.002	1.002	0.999	4
	A5D9J0	PIG Proteasome (Prosome, macropain) subunit, beta type, 9 (Fragment)	-0.29	-0.29	-0.33	-0.1	0.995	1	0.995	0.999	1
	P03974	PIG Transitional endoplasmic reticulum ATPase	-0.7	-0.7	0.377	0.628	0.977	0.991	0.994	0.965	30
	O43184	HUMAN Disintegrin and metalloproteinase domain-containing protein 12	-1.59	-0.31	0.08	0.674	0.783	1	0.998	0.963	1
Q15008	I3LS80	PIG Uncharacterized protein LOC100739334	-0.34	-0.43	-0.04	0.251	0.999	1.007	1.002	0.987	2
F1SM56	F1SM56	PIG Uncharacterized protein SEC11C	0.632	0.274	-0.27	-0.14	0.983	0.998	1.001	0.996	1
	P62191	HUMAN 26S protease regulatory subunit 4	0.185	-0.35	-0.04	0.159	0.989	1.007	1.001	0.998	9
	Q99460	HUMAN 26S proteasome non-ATPase regulatory subunit 1	-0.13	1.048	-0.2	-0.48	0.993	0.926	1.001	0.984	1
A0AVT1	F1RVE8	PIG Uncharacterized protein UBA6	-0.43	-0.48	-0.35	-0.81	0.99	1.002	0.995	0.947	1
	K9J6M4	PIG E3 ubiquitin-protein ligase UBR4	0.654	0.081	-0.43	-0.3	0.984	1.002	0.995	0.989	2
Q15008	F1SGF1	PIG Uncharacterized protein PSMD6	-0.47	-0.16	0.106	0.237	0.987	1.004	1	0.99	3
O00487	F1RPQ3	PIG Uncharacterized protein PSMD14	-0.15	-0.48	-0.13	0.059	0.994	1.001	1.002	0.997	2
	H0YBB4	HUMAN E3 ubiquitin-protein ligase UBR5 (Fragment)	-0.42	-0.51	-0.24	-0.56	0.989	0.998	1.001	0.975	2
	O15484	HUMAN Calpain-5	0.635	0.211	-0.18	-0.2	0.985	1.001	1.002	0.991	1
	I3L945	PIG Ubiquitin carboxyl-terminal hydrolase (Fragment)	-0.19	-0.22	-0.03	-0.03	0.99	1.001	1	1	5
	Q9Y3C8	HUMAN Ubiquitin-fold modifier-conjugating enzyme 1	0.169	-0.33	0.027	0.144	0.99	1.004	1	0.997	1

	K9IVF7	PIG X-prolyl aminopeptidase (Aminopeptidase P) 1, soluble	-0.01	-0.33	-0.3	-0.37	1	1.005	0.997	0.989	6
	Q5T4S7	HUMAN E3 ubiquitin-protein ligase UBR4	-0.41	1.103	0.947	0.54	0.991	0.902	0.932	0.973	1
	P04574	PIG Calpain small subunit 1	-0.55	-0.61	-0.01	0.312	0.985	0.994	0.998	0.988	9
	P25789	HUMAN Proteasome subunit alpha type-4	-0.15	-0.62	-0.22	0.135	0.993	0.994	1.002	0.998	1
Q8TBC4	F1SFQ0	PIG Uncharacterized protein UBA3	0.372	-0.74	-0.52	-0.11	0.996	0.99	0.986	1	1
P54725	F1SP32	PIG Uncharacterized protein RAD23B	-0.47	-0.21	0.288	0.839	0.989	1.001	1.002	0.939	10
	Q06AB3	PIG Ubiquitin carboxyl-terminal hydrolase isozyme L3	0.31	-0.24	-0.29	0.168	0.996	1.003	1.002	0.996	1
Q16401	I3L9N5	PIG Uncharacterized protein LOC100626266	-0.35	-0.46	-0.21	-0.11	0.995	1.001	0.999	1	2
I3LHM5	I3LHM5	PIG Uncharacterized protein USP53	0.019	0.326	0.036	-0.69	0.999	1.003	1	0.963	2
	P59510	HUMAN A disintegrin and metalloproteinase with thrombospondin motifs 20	0.446	0.106	-0.51	-0.54	0.986	1.002	0.985	0.974	1
	Q06AT3	PIG Ubiquitin carboxyl-terminal hydrolase isozyme L5	0.406	-0.07	-0.73	-0.79	0.991	1.002	0.97	0.951	1
	P68036	HUMAN Ubiquitin-conjugating enzyme E2 L3	0.058	-0.53	-0.01	0.328	0.997	0.997	0.999	0.991	4
	F1RHF0	PIG Ubiquitin carboxyl-terminal hydrolase isozyme L3 (Fragment)	-0.77	-0.46	-0.53	-0.19	0.968	1.004	0.985	0.992	2
	P49459	HUMAN Ubiquitin-conjugating enzyme E2 A	-0.49	-0.39	0.041	0.434	0.986	1.004	1.001	0.987	1
	F1SAF6	PIG Ubiquitin carboxyl-terminal hydrolase	-0.39	-0.35	-0.52	-0.51	0.992	1.006	0.985	0.977	1
	F1SLU6	PIG Ubiquitin carboxyl-terminal hydrolase	-0.93	-1.13	-0.23	0.176	0.958	0.897	1.001	0.993	14
	P43367	PIG Calpain-2 catalytic subunit (Fragment)	-0.28	-0.17	-0.27	0.217	0.994	1.004	1.001	0.99	9
	P37111	PIG Aminoacylase-1	-0.05	-0.86	-0.76	-0.43	0.998	0.974	0.967	0.987	8
Q9NVA1	I3L662	PIG Uncharacterized protein LOC100622542	0.269	0.33	-0.76	-0.91	0.993	1.006	0.967	0.921	1
I3LG40	I3LG40	PIG Uncharacterized protein (Fragment) SENP7	0.142	-0.8	-0.83	-0.45	0.994	0.985	0.954	0.987	1
	F1SSL6	PIG Proteasome subunit alpha type	-0.54	-0.53	-0.31	-0.2	0.984	0.997	0.996	0.991	11
O75150	F1RG77	PIG Uncharacterized protein RNF40	-0.56	-0.97	-0.76	-0.32	0.983	0.944	0.967	0.99	1
F1SB05	F1SB05	PIG Uncharacterized protein ADAM30	-0.72	-0.66	-0.22	0.187	0.975	0.99	1.001	0.994	1
	Q9ULZ3	HUMAN Apoptosis-associated speck-like protein containing a CARD	-0.25	-0.12	-0.42	-0.8	0.994	1.003	0.996	0.949	1
	Q8NDL9	HUMAN Cytosolic carboxypeptidase-like protein 5	-0.08	-0.58	-0.47	0.06	0.996	0.991	0.987	0.998	1
	F1RYL9	PIG Ubiquitin carboxyl-terminal hydrolase	0.657	0.407	-0.53	-1.41	0.983	1.006	0.985	0.823	1
Q5XPI4	F1SPR6	PIG Uncharacterized protein RNF123	-0.69	-0.28	-0.14	-0.31	0.977	1	1.002	0.988	5

	Q29096	PIG Proteasome subunit C9-like protein (Fragment)	-1.62	-1.06	-0.08	0.248	0.773	0.925	0.998	0.988	5
	Q9H0E7	HUMAN Ubiquitin carboxyl-terminal hydrolase 44	-0.26	-0.28	-0.73	-0.5	0.993	0.999	0.969	0.979	1
P51965	I3LQC1	PIG Uncharacterized protein (Fragment) UBE2E1	-0.92	-0.98	-0.66	-0.5	0.956	0.945	0.978	0.979	1
Q969Q1	I3L5M6	PIG Uncharacterized protein TRIM63	-1.57	-1.65	-1.14	-0.55	0.795	0.65	0.897	0.974	1
	I3LHE4	PIG Coronin	-0.46	-1.41	-1.36	-0.96	0.987	0.779	0.818	0.92	1
	H9TUB4	PIG UME3A	-1.35	-0.79	-0.55	-0.5	0.89	0.984	0.981	0.98	1
	Q06AA9	PIG Ubiquitin-conjugating enzyme E2 D2	-0.95	-1.17	-0.37	-0.08	0.955	0.884	0.994	0.999	2
Q13404	I3L6T2	PIG Uncharacterized protein (Fragment) UBE2V2	-0.96	-0.75	-0.3	-0.27	0.953	0.989	0.996	0.987	4
F1RM03	F1RM03	PIG Uncharacterized protein SAE1	-0.38	-0.33	-0.53	-0.44	0.994	1.006	0.985	0.986	1
O75439	F1SKM0	PIG Uncharacterized protein UQCRC1	-0.51	-0.18	-0.89	-1.42	0.987	1.003	0.942	0.82	22
Q04323	I3LUD5	PIG Uncharacterized protein UBXN1	-1.2	-0.76	-0.73	-0.27	0.926	0.986	0.97	0.987	3
	Q6ZT12	HUMAN E3 ubiquitin-protein ligase UBR3	-0.49	-0.79	-1.18	-1.55	0.984	0.984	0.879	0.8	1
	Q8NFA0	HUMAN Ubiquitin carboxyl-terminal hydrolase 32	-1.34	0.337	0.633	-0.78	0.894	1.006	0.98	0.949	2
	Q9Y4W6	HUMAN AFG3-like protein 2	-0.5	-1.24	-1.26	-0.9	0.987	0.859	0.852	0.925	1
Q96K76	F1S6W7	PIG Uncharacterized protein (Fragment) USP47	-0.35	-0.85	-1.03	-0.92	0.996	0.974	0.915	0.922	1
	Q9P275	HUMAN Ubiquitin carboxyl-terminal hydrolase 36	-1.33	-0.52	-1.64	-1.21	0.897	0.998	0.695	0.869	1
Q92890	F1RK61	PIG Uncharacterized protein UFD1L	-0.07	-0.63	-1.18	-1.55	0.997	0.992	0.878	0.799	1
P61960	F1RS33	PIG Uncharacterized protein (Fragment) LOC100522509	-0.54	-0.62	-0.83	-0.62	0.985	0.993	0.954	0.965	1
Q8NDL9	I3LU97	PIG Uncharacterized protein AGBL5	0.048	0.228	-1.73	-1.59	0.998	1.001	0.666	0.801	2
	P10323	HUMAN Acrosin	-0.87	-0.24	-0.98	-0.41	0.958	1.001	0.924	0.988	1
Q9Y4W6	I3LLQ8	PIG Uncharacterized protein (Fragment) AFG3L2	-0.5	-1.52	-1.12	-0.98	0.987	0.715	0.905	0.918	6
	Q13404	HUMAN Ubiquitin-conjugating enzyme E2 variant 1	-1.43	-2.13	-0.94	-0.51	0.858	0.382	0.932	0.977	2
Q9GZZ9	F1SNT0	PIG Uncharacterized protein (Fragment) UBA5	-1.55	-1.42	-0.82	-0.42	0.809	0.772	0.958	0.988	1
	P22314	HUMAN Ubiquitin-like modifier-activating enzyme 1	-0.71	-0.7	-1.1	-0.42	0.976	0.992	0.906	0.988	1
F1SDM3	F1SDM3	PIG Uncharacterized protein (Fragment) ADAM12	-0.2	0.541	-1.95	-2.29	0.992	0.993	0.545	0.532	1
	H9BR48	PIG Thrombospondin type 1 motif disintegrin-like and metallopeptidase	-1.51	-0.97	-1.5	-1.5	0.828	0.944	0.75	0.811	1
Q8NHY2	F1S705	PIG Uncharacterized protein RFWD2	-2.42	-2.26	-1.56	-0.72	0.356	0.322	0.726	0.963	1

O00762	F1SC78	PIG Uncharacterized protein UBE2C	-1.6	-1.23	-1.08	-1.29	0.78	0.862	0.908	0.844	1
	P12821	HUMAN Angiotensin-converting enzyme	-1.91	-1.96	-1.64	-1.16	0.623	0.475	0.694	0.87	1
F1RTR7	F1RTR7	PIG Uncharacterized protein YOD1	-1.69	-3.61	-1.87	-1.26	0.751	0.016	0.583	0.85	1
	Q2TAM5	HUMAN RELA protein	-1.14	-1.48	-1.18	-0.46	0.933	0.729	0.878	0.986	1
	H0YCB4	HUMAN Transcription factor p65 (Fragment)	-1.13	-1.83	-2.34	-1.88	0.932	0.543	0.348	0.697	1
Q14669	I3LK74	PIG Uncharacterized protein	-2.18	-1.89	-1.59	-1.32	0.48	0.515	0.715	0.835	1
	Q7Z569	HUMAN BRCA1-associated protein	-1.27	-2.64	-2.15	-1.81	0.91	0.17	0.449	0.735	1

Supplementary Table S4. Protein expression changes in the functionally annotated categories within cluster d.

Human equivalent Ac. No.	Accession No.	Mitochondrial complexes Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	Q29307	PIG ATPase inhibitor, mitochondrial	-3.77	-3.11	-3.79	-3.16	0.02	0.06	0.02	0.22	7
-	Q35914	PIG ATP synthase protein 8	0.208	-1.69	-5.05	-4.95	0.99	0.63	0.00	0.00	1
-	I3LER5	PIG Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	-3.4	-1.84	-2.42	-3.06	0.05	0.54	0.31	0.23	3
-	Q5S3G4	PIG Cytochrome c oxidase subunit 5B, mitochondrial	-2.29	-0.99	-2.02	-2.71	0.42	0.94	0.51	0.38	9
-	P13618	PIG ATP synthase-coupling factor 6, mitochondrial	-1.04	0.279	-1.77	-2.24	0.95	1.00	0.64	0.55	11
-	C9JIT5	HUMAN Protein ATP5J2-PTCD1	-2.83	-1.77	-2.03	-2.17	0.17	0.58	0.51	0.59	1
P14854	F1RLH7	PIG Uncharacterized protein COX6B	-1.7	-1.13	-2.28	-2.2	0.75	0.90	0.39	0.58	5
P20674	F1SJ34	PIG Uncharacterized protein COX5A	-1.01	-0.18	-1.51	-2.39	0.96	1.00	0.75	0.51	10
-	P14927	HUMAN Cytochrome b-c1 complex subunit 7	-1.24	-0.89	-1.2	-1.87	0.91	0.97	0.87	0.70	4
-	A9LGH7	PIG ATP synthase protein 8	-0.45	-2.74	-1.96	-1.49	0.99	0.14	0.54	0.81	1
O95299	F1SIS9	PIG Uncharacterized protein NDUFA10	-1.23	-0.77	-1.76	-2.13	0.91	0.99	0.65	0.60	13
-	P24964	PIG Cytochrome b	-1.91	-1.7	-2.35	-2.34	0.62	0.62	0.34	0.53	5
O75964	F1SAK6	PIG Uncharacterized protein ATP5L	-1.68	-1.05	-2.03	-2.17	0.75	0.93	0.51	0.59	6
Q16718	F1SLY2	PIG Uncharacterized protein NDUFA5	-1.29	-0.52	-1.83	-2.23	0.91	1.00	0.61	0.56	4
-	Q2EN81	PIG ATP synthase subunit O, mitochondrial	-1.26	-0.65	-1.77	-2.06	0.91	0.99	0.65	0.64	14
-	P06576	HUMAN ATP synthase subunit beta, mitochondrial	-0.71	-0.81	-1.77	-2.75	0.98	0.98	0.65	0.38	1
P51970	F1SLR1	PIG Uncharacterized protein NDUFA8	-1.32	-0.68	-1.58	-1.93	0.90	0.99	0.72	0.68	6
O14949	F1RI18	PIG Uncharacterized protein UQCRQ	-2.08	-1.64	-1.6	-1.79	0.53	0.66	0.71	0.73	6
P49821	F1RVN1	PIG Uncharacterized protein NDUFV1	-1.15	-0.8	-1.44	-1.73	0.93	0.99	0.78	0.75	17

-	A5GFX4	PIG ATP synthase, H ⁺ transporting, mitochondrial F1 complex, epsilon subunit	-1.62	-1.41	-2	-1.93	0.77	0.77	0.52	0.68	2
O43920	F1SV23	PIG Uncharacterized protein NDUF5	-1.62	-1.09	-1.24	-1.45	0.77	0.91	0.86	0.82	4
-	F1S6Q7	PIG ATP synthase subunit delta, mitochondrial	-0.07	0.634	-1.57	-2.08	1.00	0.99	0.72	0.63	2
-	F1RNZ1	PIG Cytochrome b-c1 complex subunit Rieske, mitochondrial	-1.31	-0.66	-1.58	-2.27	0.90	0.99	0.72	0.55	14
-	O00217	HUMAN NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial	-0.38	-0.37	-1.58	-2.2	0.99	1.01	0.72	0.58	7
-	F1SJP6	PIG NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6 (Fragment)	-0.72	-0.73	-1.51	-2.17	0.97	0.99	0.75	0.60	7
-	F1STY1	PIG NADH dehydrogenase [ubiquinone] 1 subunit C2	-1.97	-1.05	-1.35	-1.87	0.59	0.93	0.82	0.71	6
-	K7GMN1	PIG Uncharacterized protein COX7B	-1.89	-1.68	-1.71	-1.74	0.63	0.64	0.67	0.75	2
O75489	F1SIF2	PIG Uncharacterized protein NDUF3	-1.01	-0.6	-1.35	-1.75	0.96	0.99	0.82	0.74	13
-	F1SD73	PIG Uncharacterized protein NDUF1	-1.11	-0.57	-1.51	-1.64	0.94	0.99	0.75	0.78	2
O75380	F1S031	PIG Uncharacterized protein NDUF6	0.341	0.698	-0.93	-1.53	1.00	0.99	0.93	0.80	5
-	A1XQT2	PIG Cytochrome c oxidase subunit 6C	-1.81	-0.94	-1.58	-1.92	0.69	0.96	0.72	0.68	13
-	O43920	HUMAN NADH dehydrogenase [ubiquinone] iron-sulfur protein 5	-1.62	-0.99	-0.91	-1.12	0.77	0.94	0.94	0.88	1
-	Q007T0	PIG Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial	-0.59	-0.36	-1.44	-2.01	0.98	1.01	0.78	0.66	12
-	P80021	PIG ATP synthase subunit alpha, mitochondrial	-0.41	-0.24	-1.76	-1.97	0.99	1.00	0.65	0.67	46
-	Q9MYT8	PIG ATP synthase subunit e, mitochondrial	-0.68	-0.52	-1.17	-1.59	0.98	1.00	0.88	0.80	6
-	F1SGC6	PIG Uncharacterized protein NDUF5	-1.12	-0.79	-1.24	-1.46	0.93	0.98	0.86	0.82	8
-	P14854	HUMAN Cytochrome c oxidase subunit 6B1	-0.68	-0.06	-1.23	-1.69	0.98	1.00	0.86	0.76	1
Q99766	F1SHX8	PIG Uncharacterized protein (Fragment) ATP5S	-0.58	-0.87	-1.36	-1.26	0.98	0.97	0.82	0.85	4
-	F1S3W0	PIG Cytochrome b-c1 complex subunit 6	0.326	1.427	-0.82	-1.83	1.00	0.76	0.95	0.73	4
-	Q94PW4	PIG ATP synthase protein 8	-0.46	-0.11	-1.05	-1.59	0.99	1.00	0.91	0.80	1
-	Q29259	PIG NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6	-0.79	-0.43	-1	-1.56	0.96	1.01	0.92	0.80	3
O95168	I3LPW0	PIG Uncharacterized protein NDUF4	-0.25	-0.37	-1.59	-1.8	0.99	1.01	0.72	0.73	6
Q9UI09	F1SQP4	PIG Uncharacterized protein (Fragment) NDUF12	-0.9	-1.14	-1.26	-1.16	0.96	0.89	0.85	0.87	9
-	K7GLT8	PIG ATP synthase subunit beta	-0.97	-0.53	-1.54	-1.51	0.96	1.00	0.73	0.81	3
P28331	F1SHD7	PIG Uncharacterized protein (Fragment) NDUF1	-0.39	-0.31	-1.17	-1.49	0.99	1.00	0.88	0.81	33
-	P22695	HUMAN Cytochrome b-c1 complex subunit 2, mitochondrial	-0.79	-0.11	-1.14	-1.92	0.96	1.00	0.90	0.69	2

-	F1RRC9	PIG Uncharacterized protein NDUF1C	-1.17	-0.92	-0.94	-1.19	0.92	0.96	0.93	0.87	1
P24539	F1SBN7	PIG Uncharacterized protein ATP5F1	-1.05	-0.51	-1.53	-1.64	0.95	1.00	0.74	0.78	15
-	I3LDC3	PIG Uncharacterized protein NDUF10	0.132	0.083	-0.98	-1.62	0.99	1.00	0.92	0.79	8
-	F1RWV4	PIG Uncharacterized protein NDUF11	-0.64	-0.4	-0.97	-1.75	0.98	1.00	0.93	0.74	5
P19404	F1SM98	PIG Uncharacterized protein NDUFV2	0.433	0.377	-0.88	-1.57	0.99	1.01	0.94	0.80	12
Q9Y6M9	F1RRP9	PIG Uncharacterized protein NDUF19	-0.91	-0.56	-1.25	-1.54	0.96	0.99	0.85	0.80	6
-	P36542	HUMAN ATP synthase subunit gamma, mitochondrial	-0.3	-0.45	-1.4	-1.58	1.00	1.00	0.80	0.80	2
-	Q95283	PIG Cytochrome c oxidase subunit 4 isoform 1, mitochondrial (Fragment)	-1.02	-0.48	-1.14	-1.63	0.95	1.00	0.90	0.78	10
-	Q0QEM6	PIG ATP synthase subunit beta (Fragment)	0.153	0.159	-1.28	-1.95	0.99	1.00	0.85	0.67	37
-	D0VWV4	PIG Succinate dehydrogenase cytochrome b560 subunit, mitochondrial	0.037	-0.48	-1.54	-1.99	1.00	1.00	0.73	0.67	1
-	I3LRR4	PIG Uncharacterized protein (Fragment) NDUFV3	-0.82	-0.19	-0.81	-0.92	0.96	1.00	0.96	0.92	14
-	I3LTV6	PIG Cytochrome c oxidase subunit 6A, mitochondrial	0.416	0.014	1.396	-2.11	0.99	1.00	0.80	0.60	1
-	B2R4A2	HUMAN Cytochrome b-c1 complex subunit 7	-0.31	-0.06	-1.17	-1.23	1.00	1.00	0.88	0.86	2
-	G8JE99	HUMAN Cytochrome c oxidase subunit 2	-0.1	0.188	-0.96	-1.27	1.00	1.00	0.93	0.85	1
O75439	F1SKM0	PIG Uncharacterized protein UQCRC1	-0.51	-0.18	-0.89	-1.42	0.99	1.00	0.94	0.82	22
-	Q8SPJ9	PIG Cytochrome c oxidase subunit 7A1, mitochondrial	-0.31	-0.44	-1.38	-1.93	1.00	1.00	0.80	0.68	2
-	P28331	HUMAN NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial	-0.44	-0.21	-0.48	-0.2	0.99	1.00	0.99	0.99	1
O75306	F1S1A8	PIG Uncharacterized protein NDUF12	0.646	0.119	-0.91	-1.43	0.98	1.00	0.94	0.82	16
-	Q0QF01	PIG Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	-0.63	-0.52	-1.17	-1.28	0.98	1.00	0.88	0.85	22
O95178	F1SRQ0	PIG Uncharacterized protein (Fragment) NDUF12	-0.05	-0.5	-1.11	-1.42	1.00	1.00	0.90	0.82	1
-	P56556	HUMAN NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6	-0.32	-0.71	-0.77	-0.77	1.00	0.99	0.97	0.95	1
-	Q95339	PIG ATP synthase subunit f, mitochondrial	0.032	0.193	-0.96	-1.7	1.00	1.00	0.93	0.75	2
-	A5GZW8	PIG Succinate dehydrogenase [ubiquinone] cytochrome b small subunit	-0.67	-0.77	-0.94	-1.02	0.98	0.99	0.93	0.91	3
-	Q29235	PIG ATP synthase beta chain, mitochondrial (Fragment)	1.094	0.679	-0.94	-1.34	0.94	0.99	0.93	0.83	1
-	O75489	HUMAN NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial	0.019	-0.64	-0.76	-1.05	1.00	0.99	0.97	0.91	1
Q9P0J0	F1S6Q1	PIG Uncharacterized protein NDUF13	-0.18	-0.15	-0.95	-1.3	0.99	1.00	0.93	0.84	11
-	P24539	HUMAN ATP synthase F(0) complex subunit B1, mitochondrial	-0.46	-0.42	-0.24	-0.02	0.99	1.01	1.00	1.00	1

-	I3LGM4	PIG Uncharacterized protein NDUFA11	0.178	-0.23	-0.95	-1.4	0.99	1.00	0.93	0.82	2
-	F1S4V0	PIG Uncharacterized protein (Fragment) COX7A2L	-0.41	-0.37	-0.47	-0.6	0.99	1.01	0.99	0.97	2
-	P13073	HUMAN Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	-0.31	-0.68	-0.17	0.525	1.00	0.99	1.00	0.98	1
-	P50667	PIG Cytochrome c oxidase subunit 2	0.393	0.566	-0.87	-1.45	0.99	0.99	0.94	0.82	11
-	P36542-2	HUMAN Isoform Heart of ATP synthase subunit gamma, mitochondrial	0.781	0.799	-0.88	-0.9	0.97	0.99	0.94	0.92	1
-	O79876	PIG Cytochrome c oxidase subunit 1	1.18	-0.28	-0.58	-0.77	0.92	1.00	0.98	0.95	2
-	P25705	HUMAN ATP synthase subunit alpha, mitochondrial	1.071	0.642	-0.34	-0.79	0.94	0.99	0.99	0.95	1
-	F1SI50	PIG Uncharacterized protein NDUF83	-0	0.426	-0.68	-1.29	1.00	1.01	0.97	0.84	3
-	Q35915	PIG ATP synthase subunit a	-0.58	0.287	-0.45	-0.54	0.98	1.00	0.99	0.97	1
P17568	F1SCH1	PIG Uncharacterized protein (Fragment) NDUF87	0.476	0.445	-0.49	-0.21	0.99	1.00	0.99	0.99	3
-	Q69GF7	PIG Cytochrome c oxidase subunit 2	0.254	0.909	0.034	-1.24	0.99	0.96	1.00	0.85	1
-	F1RJI7	PIG Cytochrome c oxidase subunit 6A, mitochondrial	0.666	0.227	0.262	0.023	0.98	1.00	1.00	1.00	1
-	Q2EN79	PIG Ubiquinol-cytochrome c reductase complex	0.736	0.193	-0.22	-0.87	0.97	1.00	1.00	0.93	2
-	HOYI37	HUMAN ATP synthase subunit beta, mitochondrial (Fragment)	0.52	0.072	0.166	-0.07	0.99	1.00	1.00	1.00	1
-	D6R613	HUMAN ATP synthase protein 8	1.819	0.197	-0.01	0.128	0.69	1.00	1.00	1.00	1
-	F1RQI1	PIG Uncharacterized protein COX7A2	0.61	0.48	0.584	0.123	0.99	1.00	0.98	1.00	2
-	Q9UII2	HUMAN ATPase inhibitor, mitochondrial	6.597	3.521	-1.98	-2.31	0.00	0.02	0.53	0.53	1
-	O95167	HUMAN NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3	0.252	-0.05	0.916	1.396	0.99	1.00	0.93	0.82	1
-	F8W0P7	HUMAN ATP synthase subunit beta, mitochondrial (Fragment)	0.75	0.431	0.347	0.55	0.97	1.01	0.99	0.97	1
-	I3LS54	PIG Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	1.095	2.439	-0.22	-0.34	0.94	0.24	1.00	0.99	1
-	F1SRG2	PIG NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6	0.602	2.52	0.506	1.265	0.99	0.22	0.99	0.85	1

Human equivalent Ac. No.	Accession No.	Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	P11708	PIG Malate dehydrogenase, cytoplasmic	-3.11	-4.13	-2.89	-2.18	0.10	0.00	0.15	0.60	20
-	P33198	PIG Isocitrate dehydrogenase [NADP], mitochondrial (Fragment)	-1.49	-2.81	-3.18	-2.57	0.83	0.12	0.08	0.44	29

-	P16276	PIG Aconitate hydratase, mitochondrial	-1.75	-2.2	-2.63	-2.42	0.72	0.35	0.23	0.50	41
-	P09622	HUMAN Dihydrolipoyl dehydrogenase, mitochondrial	-3.46	-3.34	-2.4	-2.08	0.04	0.03	0.32	0.63	1
-	P00346	PIG Malate dehydrogenase, mitochondrial	-1.38	-2.24	-2.86	-2.38	0.88	0.33	0.16	0.51	18
-	P56471	PIG Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial (Fragments)	-0.72	-2.11	-2.65	-2.19	0.97	0.39	0.23	0.58	3
-	F1RKU0	PIG Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	-1.24	-2.49	-2.43	-2.17	0.91	0.23	0.31	0.59	12
-	O19069	PIG Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial	-1.71	-2.54	-2.2	-1.56	0.74	0.21	0.43	0.80	11
-	O97580	PIG Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial (Fragment)	-1.33	-2.45	-2.33	-1.98	0.90	0.24	0.36	0.67	16
-	P00889	PIG Citrate synthase, mitochondrial	-1.93	-1.11	-2.39	-2.18	0.62	0.90	0.32	0.59	16
P11177	F1SGH5	PIG Uncharacterized protein PDHB	-1.21	-2.26	-2.36	-2.21	0.92	0.32	0.34	0.57	17
-	P53590	PIG Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial (Fragment)	-0.91	-1.89	-2.13	-1.77	0.96	0.51	0.46	0.74	21
-	I3LPP1	PIG Fumarate hydratase, mitochondrial	-0.89	-0.92	-1.93	-2.12	0.96	0.96	0.55	0.59	2
-	Q9N0F1	PIG Dihydrolipoyllysine-residue succinyltransferase	-0.93	-0.5	-1.65	-1.93	0.96	1.00	0.69	0.69	16
-	F1RK10	PIG Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial	0.153	-2.13	-2.23	-2.03	0.99	0.38	0.41	0.65	2
-	P10173	PIG Fumarate hydratase, mitochondrial	-1.25	-0.76	-1.66	-1.74	0.91	0.99	0.69	0.75	27
-	Q1G1K7	PIG Mitochondrial NAD+isocitrate dehydrogenase 3 beta variant 2	-0.8	-1.79	-1.86	-1.61	0.96	0.57	0.59	0.80	18
-	P09623	PIG Dihydrolipoyl dehydrogenase, mitochondrial	-0.73	-0.46	-1.64	-1.79	0.97	1.00	0.70	0.74	15
-	P11177	HUMAN Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	-1.66	-1.82	-1.46	-1.15	0.76	0.55	0.76	0.87	1
Q9NX18	F1RKQ9	PIG Uncharacterized protein LOC100519294	-1.2	-1.16	-1.07	-0.92	0.92	0.89	0.91	0.92	3
-	P48735	HUMAN Isocitrate dehydrogenase [NADP], mitochondrial	0.032	-0.89	-1.5	-1.28	1.00	0.97	0.75	0.85	2
-	Q007T0	PIG Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial	-0.59	-0.36	-1.44	-2.01	0.98	1.01	0.78	0.66	12
-	K9IVI1	PIG 2-oxoglutarate dehydrogenase, mitochondrial	-0.81	-0.68	-1.26	-1.29	0.96	0.99	0.85	0.84	39
-	F1S297	PIG Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial	-0.05	-1.14	-1.06	-0.93	1.00	0.90	0.91	0.92	9
-	D0VWV4	PIG Succinate dehydrogenase cytochrome b560 subunit, mitochondrial	0.037	-0.48	-1.54	-1.99	1.00	1.00	0.73	0.67	1
-	C6KE31	PIG Transporter	-0.06	-0.32	-0.97	-1.02	1.00	1.00	0.93	0.91	1
-	P42174	PIG Glutamate dehydrogenase 1, mitochondrial (Fragments)	-0.76	-0.83	-0.52	-0.05	0.97	0.98	0.99	1.00	1
-	Q0QF01	PIG Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	-0.63	-0.52	-1.17	-1.28	0.98	1.00	0.88	0.85	22
-	HOYIC4	HUMAN Citrate synthase (Fragment)	0.299	0.577	-0.58	-1.59	1.00	0.99	0.98	0.80	1

-	A5GZW8	PIG Succinate dehydrogenase [ubiquinone] cytochrome b small subunit	-0.67	-0.77	-0.94	-1.02	0.98	0.99	0.93	0.91	3
-	P40926	HUMAN Malate dehydrogenase, mitochondrial	0.246	-0.01	-0.94	-0.93	0.99	1.00	0.93	0.92	2
P35232	F1RWF5	PIG Uncharacterized protein	-0.13	0.27	-0.82	-1.03	0.99	1.00	0.96	0.91	12
-	O43837	HUMAN Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial	0.84	0.458	-0.66	-1.02	0.96	1.00	0.98	0.91	1
-	F1SEN2	PIG Glutamate dehydrogenase 1, mitochondrial	-0.05	-0.08	-0.17	-0.18	1.00	1.00	1.00	0.99	19
-	I3LDC7	PIG Isocitrate dehydrogenase [NADP] (Fragment)	0.041	0.329	0.062	0.279	1.00	1.01	1.00	0.99	11
-	F1SAF0	PIG Dihydrolipoyl dehydrogenase	0.96	1.192	0.15	-0.43	0.95	0.88	1.00	0.99	1
O14950	I3LBF7	PIG Uncharacterized protein (Fragment) LOC733637	0.699	1.052	1.506	1.795	0.98	0.93	0.75	0.73	2

Human equivalent Ac. No.	Accession No.	Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	P24752	HUMAN Acetyl-CoA acetyltransferase, mitochondrial	-4.03	-3.15	-3.37	-2.75	0.01	0.06	0.05	0.38	1
P30084	F1SAC1	PIG Uncharacterized protein ECHS1	-2.33	-3.15	-2.66	-2.26	0.40	0.06	0.22	0.54	14
-	P00348	PIG Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial	-1.73	-1.89	-2.59	-2.17	0.73	0.52	0.24	0.59	24
-	D0G0B3	PIG Acetyl-Coenzyme A acyltransferase 2	-1.19	-1.6	-2.2	-2.25	0.93	0.67	0.43	0.54	19
-	P40939	HUMAN Trifunctional enzyme subunit alpha, mitochondrial	-1.11	-2.92	-2.09	-2.92	0.93	0.09	0.48	0.30	2
-	K7GM59	PIG Uncharacterized protein (Fragment) ABCD1	-2.35	-2.22	-1.35	-0.71	0.39	0.35	0.82	0.96	1
-	P42765	HUMAN 3-ketoacyl-CoA thiolase, mitochondrial	-1.07	-1.13	-2.22	-2.58	0.94	0.90	0.42	0.43	2
P24752	I3LP02	PIG Uncharacterized protein ACAT1	-2.02	-1.53	-2.09	-1.88	0.58	0.71	0.47	0.70	20
-	P79273	PIG Short-chain specific acyl-CoA dehydrogenase, mitochondrial	-1.12	-1.93	-1.8	-1.67	0.93	0.49	0.63	0.77	10
Q99714	K7GND4	PIG Uncharacterized protein (Fragment) HSD17B10	-1.1	-1.53	-1.69	-1.62	0.94	0.71	0.68	0.79	3
P45954	F1SED0	PIG Uncharacterized protein (Fragment) ACADSB	-1.24	-2.15	-1.95	-1.67	0.91	0.38	0.54	0.77	12
P49748	I3LLE3	PIG Uncharacterized protein (Fragment) LOC100520636	-1.03	-1.84	-1.91	-1.72	0.95	0.54	0.56	0.75	27
Q13011	I3LJJ4	PIG Uncharacterized protein ECH1	-0.8	-0.39	-1.32	-1.61	0.96	1.00	0.83	0.79	6
P55084	F1SDN2	PIG Uncharacterized protein HADHB	-0.82	-1.21	-1.63	-1.47	0.96	0.87	0.70	0.81	33
-	I3LAI1	PIG Uncharacterized protein (Fragment) ECHS1	-0.63	-1.35	-1.44	-1.55	0.98	0.81	0.78	0.80	1

-	K7GRM6	PIG Uncharacterized protein (Fragment) HSD17B10	-0.16	-1.27	-1.57	-1.38	0.99	0.85	0.72	0.83	1
-	Q29554	PIG Trifunctional enzyme subunit alpha, mitochondrial	-0.71	-1.21	-1.84	-1.45	0.98	0.87	0.60	0.82	41
-	P79274	PIG Long-chain specific acyl-CoA dehydrogenase, mitochondrial	-0.41	-0.57	-1.39	-1.45	0.99	0.99	0.80	0.82	22
Q6JQN1	I3LK34	PIG Uncharacterized protein LOC100625244	-0.02	-0.06	-0.98	-1.1	1.00	1.00	0.93	0.89	4
-	P41367	PIG Medium-chain specific acyl-CoA dehydrogenase, mitochondrial	-0.03	-0.65	-1.59	-1.27	1.00	0.99	0.71	0.85	15
-	Q3Y5G5	PIG Peroxisomal enoyl coenzyme A hydratase 1	-0.59	-0.24	-0.71	-0.9	0.99	1.00	0.97	0.93	6
-	Q8HY46	PIG Carnitine O-palmitoyltransferase 1, muscle isoform	0.05	-1.04	-1.23	-1.46	1.00	0.93	0.86	0.82	18
P23786	F1S764	PIG Uncharacterized protein CPT2	-0.01	-0.83	-0.94	-0.83	1.00	0.98	0.93	0.94	9
-	P55931	PIG Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial	-0.54	-0.41	-0.96	-1.21	0.99	1.01	0.93	0.87	19
-	B2ZF49	PIG Hydroxyacyl-coenzyme A dehydrogenase	0.22	-0.94	-1.26	-1.92	0.99	0.95	0.85	0.68	1
-	A7YB26	PIG Peroxisomal enoyl coenzyme A hydratase 1 (Fragment)	0.658	0.008	-0.78	-0.92	0.98	1.00	0.96	0.92	1
-	Q16836	HUMAN Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial	0.489	-0.35	-0.87	-1.17	0.98	1.01	0.94	0.87	1
Q9H845	I3LUR5	PIG Uncharacterized protein (Fragment) ACAD9	0.224	-0.61	-1.02	-0.85	0.99	0.99	0.92	0.94	7
Q6JQN1	I3LDT4	PIG Uncharacterized protein	-0.14	-0.36	-0.01	-0.34	0.99	1.01	1.00	0.99	2
-	F1RL48	PIG Uncharacterized protein ACAD10	0.835	0.675	0.211	-0.88	0.96	0.99	1.00	0.93	1
-	F1RUP0	PIG Uncharacterized protein (Fragment) ECHDC3	0.165	-0.79	0.041	-0.37	0.99	0.98	1.00	0.99	1
Q99714	K7GMY3	PIG Uncharacterized protein (Fragment) HSD17B10	0.159	-0.64	-0.41	-0.12	0.99	0.99	1.00	1.00	3
-	Q28956	PIG 17beta-estradiol dehydrogenase	0.459	-0.07	0.136	-0.06	0.99	1.00	1.00	1.00	6
P51659	I3LEF8	PIG Uncharacterized protein HSD17B4	0.632	-0.02	-0.06	0.015	0.98	1.00	1.00	1.00	9
-	I3LJ48	PIG Uncharacterized protein (Fragment) EHHADH	0.38	0.745	0.319	-0.18	0.99	0.99	1.00	0.99	1
-	P23786	HUMAN Carnitine O-palmitoyltransferase 2, mitochondrial	0.525	0.869	0.213	-0.1	0.99	0.97	1.00	1.00	1
-	P55084	HUMAN Trifunctional enzyme subunit beta, mitochondrial	1.044	0.97	0.559	-0.02	0.95	0.94	0.98	1.00	1
Human equivalent Ac. No.	Accession No.	Muscle contraction Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	F2Z5B6	PIG Tropomyosin alpha-1 chain	-2.26	-0.07	-2.84	-3.22	0.44	1.00	0.17	0.21	5

-	Q6ZRF8	HUMAN RING finger protein 207	-1.93	-2.57	-3.3	-2.5	0.62	0.19	0.06	0.46	1
P45379	I3LS66	PIG Uncharacterized protein TNNT2	-1.73	-0.96	-2.62	-2.76	0.73	0.94	0.23	0.38	23
-	D2SQP3	PIG Cysteine and glycine-rich protein 3	-3.27	-3.44	-2.14	-1.18	0.07	0.03	0.45	0.87	5
P12814	F1RHL9	PIG Uncharacterized protein ACTN2	-2.02	-3.39	-2.64	-2.17	0.57	0.03	0.23	0.59	55
-	P26678	HUMAN Cardiac phospholamban	-2.44	-2.49	-2.21	-1.44	0.35	0.22	0.43	0.82	1
Q8N335	I3LLU0	PIG Uncharacterized protein GPD1L	-2.49	-2.77	-2.24	-1.71	0.33	0.13	0.41	0.75	15
-	P07951	HUMAN Tropomyosin beta chain	-0.59	0.06	-2.64	-2.81	0.99	1.00	0.23	0.36	2
Q14324	F1SID7	PIG Uncharacterized protein MYBPC3	-2.79	-3.8	-2.37	-1.93	0.19	0.01	0.33	0.68	71
-	A4GR69	PIG Telethonin	-1.93	-2.19	-1.89	-1.8	0.62	0.36	0.57	0.74	6
-	Q99959	HUMAN Plakophilin-2	-1.99	-3.02	-1.98	-1.43	0.58	0.08	0.53	0.82	1
-	F1RIN7	PIG Uncharacterized protein HRC	-0.67	-0.42	-1.91	-1.66	0.98	1.01	0.56	0.78	10
-	P11607	PIG Sarcoplasmic/endoplasmic reticulum calcium ATPase 2	-1.51	-2.3	-1.98	-1.83	0.83	0.30	0.53	0.72	46
-	F1SNW4	PIG MYL3	-0.24	0.62	-1.84	-2.5	0.99	0.99	0.60	0.46	17
-	P04075	HUMAN Fructose-bisphosphate aldolase A	-1.91	-2.87	-1.65	-1.09	0.62	0.11	0.69	0.89	16
-	F1SAW8	PIG Calsequestrin (Fragment)	-1.32	-0.75	-1.71	-1.97	0.90	0.99	0.67	0.67	6
-	P67936-2	HUMAN Isoform 2 of Tropomyosin alpha-4 chain	-1.32	-0.3	-1.4	-1.91	0.90	1.00	0.80	0.69	1
Q9UI47	F1SUJ6	PIG Uncharacterized protein CTNNA3	-1.25	-1.75	-1.92	-1.55	0.91	0.59	0.55	0.80	1
-	Q03135	HUMAN Caveolin-1	-0.66	-1.44	-1.89	-1.92	0.98	0.75	0.57	0.69	1
-	Q14896	HUMAN Myosin-binding protein C, cardiac-type	-2.2	-1.23	-0.95	-1.01	0.46	0.86	0.93	0.91	1
P15924	F1RW75	PIG Uncharacterized protein DSP	-1.55	-2.08	-1.37	-1.1	0.81	0.40	0.81	0.89	75
O75380	F1S031	PIG Uncharacterized protein NDUFS6	0.341	0.698	-0.93	-1.53	1.00	0.99	0.93	0.80	5
-	Q14BN4-8	HUMAN Isoform 8 of Sarcolemmal membrane-associated protein	-1.53	-1.34	-1.2	-0.94	0.82	0.81	0.87	0.92	2
-	I3LVH8	PIG Uncharacterized protein (Fragment) DSC2	-1.15	-1.06	-1.18	-1.15	0.93	0.92	0.88	0.87	3
-	P04178	PIG Superoxide dismutase [Cu-Zn]	-1.37	-0.64	-0.45	-0.25	0.88	0.99	0.99	0.99	5
-	P54296	HUMAN Myomesin-2	-1.34	-1.73	-1.41	-1.5	0.89	0.61	0.80	0.81	6
-	A1XQT6	PIG MLC1f	0.263	-1.54	-1.4	-1.83	0.99	0.71	0.80	0.73	13

Q99959	F1SGD2	PIG Uncharacterized protein PKP2	-1.03	-1.36	-1.1	-0.97	0.95	0.80	0.91	0.92	18
-	O14958	HUMAN Calsequestrin-2	-1.11	-0.53	-1.57	-1.85	0.94	1.00	0.72	0.72	1
Q13424	F1S4Z9	PIG Uncharacterized protein SNTA1	-0.85	-1.48	-1.3	-1.34	0.96	0.73	0.84	0.83	7
P52179	F1SM75	PIG Uncharacterized protein MYOM1	-1.4	-1.97	-1.42	-1.38	0.87	0.47	0.78	0.83	86
-	Q96MG2	HUMAN Junctional sarcoplasmic reticulum protein 1	-0.72	-0.84	-0.9	-0.57	0.97	0.98	0.94	0.97	1
-	Q9UI47	HUMAN Catenin alpha-3	-0.93	-0.81	-0.63	-0.7	0.96	0.98	0.98	0.96	3
P28289	I3LJ88	PIG Uncharacterized protein TMOD1	-0.56	-0.7	-1	-1.21	0.98	0.99	0.92	0.87	19
-	P16960	PIG Ryanodine receptor 1	-0.85	-1.02	-0.7	-0.83	0.96	0.93	0.97	0.94	2
-	Q00872	HUMAN Myosin-binding protein C, slow-type	-1.29	-1.72	-1.15	-0.67	0.91	0.61	0.89	0.96	2
-	P01160	HUMAN Natriuretic peptides A	-1.37	-1.54	-0.79	-0.51	0.88	0.71	0.96	0.98	1
P21817	F1RHM3	PIG Uncharacterized protein (Fragment) RYR2	-0.44	-0.58	-0.94	-0.9	0.99	0.99	0.93	0.92	21
-	Q14BN4	HUMAN Sarcolemmal membrane-associated protein	-1.06	-0.45	-0.72	-0.92	0.95	1.00	0.97	0.92	19
-	P08590	HUMAN Myosin light chain 3	1.056	1.008	-1.09	-1.45	0.95	0.94	0.91	0.82	1
-	P32418	HUMAN Sodium/calcium exchanger 1	-0.71	-0.86	-0.94	-0.68	0.98	0.97	0.93	0.96	11
-	Q9UKX3	HUMAN Myosin-13	-0.84	-0.72	-0.91	-1.07	0.96	0.99	0.94	0.90	5
-	Q9BX66	HUMAN Sorbin and SH3 domain-containing protein 1	-0.54	-1.25	-0.37	0.032	0.98	0.85	1.00	1.00	1
Q8WZ42	I3L8Q0	PIG Uncharacterized protein	-1.43	-1.76	-1	-0.75	0.86	0.58	0.92	0.96	87
-	Q8WZ42	HUMAN Titin	-1.29	-1.81	-1.07	-0.84	0.91	0.56	0.91	0.94	575
-	P12883	HUMAN Myosin-7	-0.64	-0.46	-0.36	-0.66	0.98	1.00	1.00	0.96	4
-	Q9BUA6	HUMAN Myosin regulatory light chain 10	0.621	0.212	-0.62	-0.95	0.99	1.00	0.98	0.92	1
Q86TC9	I3LIB5	PIG Uncharacterized protein MYPN	-0.01	-0.83	-0.79	-0.25	1.00	0.98	0.96	0.99	3
-	O95180	HUMAN Voltage-dependent T-type calcium channel subunit alpha-1H	-0.82	-1.81	-0.83	-0.89	0.96	0.56	0.96	0.93	1
-	P15924	HUMAN Desmoplakin	1.216	-0.12	-0.84	-0.82	0.92	1.00	0.95	0.94	2
-	Q59H18	HUMAN Serine/threonine-protein kinase TNNI3K	-0.3	-0.38	-0.52	0.263	1.00	1.01	0.99	0.99	1
Q01484	F1S146	PIG Uncharacterized protein ANK2	-0.54	-0.5	-0.24	-0.45	0.98	1.00	1.00	0.99	6
P12829	F1RRT2	PIG Uncharacterized protein (Fragment) MYL4	-0.14	0.267	-0.89	-1.08	0.99	1.00	0.94	0.89	8
Q6P5Q4	F1SLY4	PIG Uncharacterized protein LMOD2	0.426	0.1	-0.36	-0.61	0.99	1.00	0.99	0.97	7

-	Q01449	HUMAN Myosin regulatory light chain 2, atrial isoform	-0.03	-0.57	-0.49	-0.9	1.00	0.99	0.99	0.93	1
-	P11055	HUMAN Myosin-3	0.637	-0.16	-0.7	-0.7	0.98	1.00	0.97	0.96	5
-	Q86U42	HUMAN Polyadenylate-binding protein 2	-0.46	-0.55	-0.2	0.356	0.99	0.99	1.00	0.99	2
-	Q9UKX2	HUMAN Myosin-2	0.286	0.479	-0.35	-0.6	1.00	1.00	1.00	0.97	1
-	P09493-6	HUMAN Isoform 6 of Tropomyosin alpha-1 chain	-0.55	-0.11	-0.37	0.668	0.98	1.00	0.99	0.96	4
-	P13535	HUMAN Myosin-8	1.309	1.185	0.196	-0.67	0.90	0.88	1.00	0.96	5
-	F1S9D6	PIG Myosin-7	2.4	0.366	-1.01	-0.95	0.36	1.01	0.92	0.92	2
Q8WUF5	I3L801	PIG Uncharacterized protein (Fragment) PPP1R13L	0.789	-0.09	-0.4	-0.75	0.96	1.00	0.99	0.96	1
-	Q14126	HUMAN Desmoglein-2	-1.21	-0.93	0.541	1.265	0.92	0.96	0.98	0.85	1
-	P17661	HUMAN Desmin	-0.05	-0.34	0.693	0.35	1.00	1.01	0.97	0.99	1
-	P50402	HUMAN Emerin	-0.05	0.447	0.439	0.354	1.00	1.00	0.99	0.99	2
-	P35749	HUMAN Myosin-11	-0.75	-0.52	-0.19	0.7	0.97	1.00	1.00	0.96	6
-	P20929	HUMAN Nebulin	-0.79	-0.06	0.206	0.434	0.96	1.00	1.00	0.99	3
-	P29536	HUMAN Leiomodin-1	1.404	1.552	-0.28	-0.09	0.87	0.70	1.00	1.00	1
-	O00168	HUMAN Phospholemman	0.735	0.899	-0.2	-0.29	0.97	0.97	1.00	0.99	1
-	P13533	HUMAN Myosin-6	1.199	-0.79	-0.69	-1.17	0.93	0.98	0.97	0.87	8
-	P08133	HUMAN Annexin A6	0.779	0.511	0.159	-0.57	0.97	1.00	1.00	0.97	1
-	F1RIM2	PIG Uncharacterized protein RNF207	-0.12	0.612	0.239	-0.27	0.99	0.99	1.00	0.99	1
Q05682	I3L7S4	PIG Uncharacterized protein CALD1	-0.35	-0.06	0.877	2.315	1.00	1.00	0.94	0.53	28
-	Q9N0Y9	PIG Ubiquitous tropomodulin U-Tmod	0.151	0.584	0.426	0.471	0.99	0.99	1.00	0.98	10
-	Q9Y623	HUMAN Myosin-4	0.8	0.771	-0.22	-0.43	0.96	0.98	1.00	0.99	4
-	Q9NZR1	HUMAN Tropomodulin-2	0.407	0.508	0.287	-0.34	0.99	1.00	1.00	0.99	1
-	P09493-2	HUMAN Isoform 2 of Tropomyosin alpha-1 chain	0.357	0.587	0.5	1.27	1.00	0.99	0.99	0.85	3
-	Q05682-2	HUMAN Isoform 2 of Caldesmon	1.392	0.786	0.447	0.017	0.87	0.98	0.99	1.00	1
-	F1S0V3	PIG Annexin (Fragment)	0.339	0.395	0.242	0.585	1.00	1.00	1.00	0.97	31
-	Q14247	HUMAN Src substrate cortactin	0.674	0.544	0.89	0.95	0.98	0.99	0.94	0.92	3
-	Q13698	HUMAN Voltage-dependent L-type calcium channel subunit alpha-1S	-0.51	-0.34	0.988	2.721	0.99	1.01	0.92	0.38	1

-	Q9Y490	HUMAN Talin-1
-	I3L650	PIG Uncharacterized protein CALD1
-	O60662	HUMAN Kelch-like protein 41
-	Q15746	HUMAN Myosin light chain kinase, smooth muscle
-	Q9UHP9	HUMAN Small muscular protein
-	P09493-5	HUMAN Isoform 5 of Tropomyosin alpha-1 chain
-	P06753-2	HUMAN Isoform 2 of Tropomyosin alpha-3 chain
-	P67936	HUMAN Tropomyosin alpha-4 chain
-	P60660	HUMAN Myosin light polypeptide 6
-	P01042	HUMAN Kininogen-1
-	P08670	HUMAN Vimentin

0.357	0.423	0.962	0.789	1.00	1.01	0.93	0.95	1
1.553	0.941	-0.05	0.269	0.81	0.95	1.00	0.99	1
0.918	0.59	1.097	0.772	0.96	0.99	0.90	0.95	1
0.795	0.521	0.43	1.174	0.96	1.00	0.99	0.87	2
1.57	0.699	0.702	0.563	0.79	0.99	0.97	0.97	1
0.995	2.156	1.163	0.929	0.96	0.37	0.88	0.92	1
-0.32	1.143	1.883	2.269	1.00	0.89	0.58	0.55	2
0.268	0.854	0.852	2.109	0.99	0.97	0.95	0.60	7
0.605	1.409	1.727	2.636	0.99	0.78	0.66	0.41	8
3.166	2.613	0.966	0.818	0.09	0.18	0.93	0.94	1
1.094	1.74	2.384	3.078	0.94	0.60	0.33	0.24	1

Human equivalent Ac. No.	Fatty acid biosynthesis	
	Accession No.	Protein
-	Q6B339	PIG Acyl coenzyme A synthetase long-chain 1 (Fragment)
-	O00763	HUMAN Acetyl-CoA carboxylase 2
-	Q4L235	HUMAN Acyl-CoA synthetase family member 4
-	Q4G176	HUMAN Acyl-CoA synthetase family member 3, mitochondrial
-	F1S3I9	PIG Uncharacterized protein ACOT4
-	D2D0E6	PIG Malonyl-CoA decarboxylase
Q4G176	I3LK72	PIG Uncharacterized protein (Fragment) ACSF3
Q9BV79	F1STL4	PIG Uncharacterized protein MECR
-	Q08AH1	HUMAN Acyl-coenzyme A synthetase ACSM1, mitochondrial
-	P09917	HUMAN Arachidonate 5-lipoxygenase
-	H7C2V0	HUMAN Fatty acid desaturase 1 (Fragment)
-	O75342	HUMAN Arachidonate 12-lipoxygenase, 12R-type

Zq (log2 FC)				FDR				No. peptides
120	1	4	7	120	1	4	7	
-2.37	-2.5	-1.96	-1.89	0.38	0.22	0.54	0.70	22
-1.72	-1.76	-1.77	-1.11	0.74	0.58	0.65	0.88	2
-1.1	-2.15	-1.22	-0.85	0.94	0.38	0.86	0.94	1
-0.66	-1.49	-1.36	-0.78	0.98	0.73	0.82	0.95	1
-0.75	-0.56	-0.91	-0.33	0.97	0.99	0.94	0.99	1
-1.05	-0.74	-0.99	-1.24	0.95	0.99	0.92	0.86	2
-0.05	-0.7	-0.97	-0.82	1.00	0.99	0.93	0.95	5
-0.52	-0.52	-0.55	-0.46	0.99	1.00	0.98	0.99	3
-0.44	-0.23	-0.6	-1.15	0.99	1.00	0.98	0.87	1
0.322	0.326	-0.37	-0.91	1.00	1.00	0.99	0.92	1
0.771	0.677	0.025	-0.62	0.97	0.99	1.00	0.96	2
-1.09	0.097	1.09	0.495	0.94	1.00	0.90	0.98	1

-	Q9XT00	PIG Estradiol 17-beta-dehydrogenase 8	1.351	0.468	-0.03	-0.81	0.89	1.00	1.00	0.95	2
Metabolism of amino acids											
Human equivalent Ac. No.	Accession No.	Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	P00503	PIG Aspartate aminotransferase, cytoplasmic	-2.06	-3.05	-2.38	-1.86	0.55	0.07	0.33	0.71	24
-	P00506	PIG Aspartate aminotransferase, mitochondrial	-0.77	-0.77	-2.04	-2.28	0.97	0.98	0.50	0.54	26
-	Q96N76	HUMAN Urocanate hydratase	-2.12	-1.55	-1.92	-2.12	0.51	0.71	0.56	0.59	1
P51649	F1RUE3	PIG Uncharacterized protein ALDH5A1	-1.07	-1.58	-1.97	-1.73	0.95	0.69	0.53	0.75	8
-	P31641	HUMAN Sodium- and chloride-dependent taurine transporter	-1.88	-1.88	-1.35	-0.86	0.64	0.51	0.82	0.94	1
P31937	F1SHU0	PIG Uncharacterized protein (Fragment) LOC100516841	-0.21	-0.72	-1.32	-1.25	0.99	0.99	0.83	0.86	2
P31937	I3LUZ8	PIG Uncharacterized protein LOC100516656	-0.38	-0.73	-1.56	-1.45	0.99	0.99	0.73	0.82	3
-	B1PK12	PIG Branched chain keto acid dehydrogenase E1 alpha polypeptide	-0.09	-0.64	-1.3	-1.3	1.00	0.99	0.84	0.84	6
-	Q29582	PIG Pyruvate kinase M2 (Fragment)	-1.1	-2.04	-1.57	-0.98	0.94	0.43	0.72	0.92	1
-	P54886	HUMAN Delta-1-pyrroline-5-carboxylate synthase	-0.56	-0.66	-0.9	-1.39	0.98	0.99	0.94	0.83	1
-	Q28969	PIG Nitric oxide synthase, endothelial	-0.73	-0.82	-1.37	-1.07	0.97	0.98	0.81	0.90	1
-	F1SHL9	PIG Pyruvate kinase (Fragment)	-1.71	-2.45	-0.99	-0.3	0.74	0.24	0.92	0.99	31
-	O95865	HUMAN N(G),N(G)-dimethylarginine dimethylaminohydrolase 2	-0.14	-0.93	-1.06	-0.59	0.99	0.96	0.91	0.97	5
-	Q7YS30	PIG F1F0-ATP synthase complex g subunit-like protein (Fragment)	-0.81	-0.42	-1.01	-0.87	0.96	1.01	0.92	0.93	2
-	P42174	PIG Glutamate dehydrogenase 1, mitochondrial (Fragments)	-0.76	-0.83	-0.52	-0.05	0.97	0.98	0.99	1.00	1
-	P34896	HUMAN Serine hydroxymethyltransferase, cytosolic	-0.68	-0.83	-0.47	-0.17	0.98	0.98	0.99	1.00	1
-	Q29558	PIG NADP-dependent malic enzyme (Fragment)	0.02	-0.38	-0.7	-0.32	1.00	1.01	0.97	0.99	1
Q86WA6	F1RWY7	PIG Uncharacterized protein BPHL	0.251	-0.46	-0.78	-0.52	0.99	1.00	0.97	0.98	4
O94760	F1SEX0	PIG Uncharacterized protein (Fragment) DDAH1	-0.76	-0.27	0.321	0.011	0.97	1.00	1.00	1.00	4
Q9HCC0	I3LQU8	PIG Uncharacterized protein	-0.3	-0.18	-0.69	-0.41	1.00	1.00	0.97	0.99	3
-	F1SEN2	PIG Glutamate dehydrogenase 1, mitochondrial	-0.05	-0.08	-0.17	-0.18	1.00	1.00	1.00	0.99	19
-	P23434	HUMAN Glycine cleavage system H protein, mitochondrial	0.494	0.142	-0.55	-0.36	0.99	1.00	0.98	0.99	1

-	I3LKS6	PIG Dihydropteridine reductase	-0.11	-0.21	-0.03	0.667	1.00	1.00	1.00	0.96	1
-	P00505	HUMAN Aspartate aminotransferase, mitochondrial	0.939	0.272	-0.37	-0.43	0.96	1.00	1.00	0.99	1
-	F1RPN9	PIG Malic enzyme	0.25	0.153	-0.14	-0.16	0.99	1.00	1.00	1.00	3
-	F1SPI3	PIG Transporter (Fragment)	0.697	0.271	-0.42	-0.34	0.98	1.00	1.00	0.99	1
P48637	F1S4X9	PIG Uncharacterized protein GSS	0.518	-0.3	0.151	0.555	0.99	1.00	1.00	0.98	2
-	P31937	HUMAN 3-hydroxyisobutyrate dehydrogenase, mitochondrial	1.121	0.512	-0.05	0.007	0.93	1.00	1.00	1.00	2
-	Q8MJ30	PIG Dihydropteridine reductase	0.943	0.234	-0.03	-0.2	0.96	1.00	1.00	0.99	8
P12955	I3LR43	PIG Uncharacterized protein PEPD	0.926	-0.18	0.146	0.443	0.96	1.00	1.00	0.99	4
P12955	F1RNW4	PIG Uncharacterized protein LOC100739263	-0.58	-0.35	0.744	0.805	0.98	1.01	0.97	0.95	5
-	P14618	HUMAN Pyruvate kinase PKM	0.476	-0.11	0.24	0.775	0.99	1.00	1.00	0.95	2
-	Q9UBK8	HUMAN Methionine synthase reductase	0.675	0.887	0.805	0.52	0.98	0.97	0.96	0.98	1
-	P32322	HUMAN Pyrroline-5-carboxylate reductase 1, mitochondrial	0.366	0.201	0.766	1.649	1.00	1.00	0.97	0.78	2
Q00610	I3LGD4	PIG Uncharacterized protein	0.517	0.124	0.627	1.008	0.99	1.00	0.98	0.91	22
Q9HCC0	F1SK15	PIG Uncharacterized protein LOC100518224	1.27	0.579	0.927	-0.17	0.91	0.99	0.93	1.00	2
-	F1SM93	PIG 6-pyruvoyl tetrahydrobiopterin synthase	0.283	1.021	0.309	-0.41	0.99	0.93	1.00	0.99	1
-	Q95JC8	PIG Arginase-1	0.744	1.054	0.839	0.165	0.97	0.93	0.95	1.00	2
-	P12955	HUMAN Xaa-Pro dipeptidase	1.066	1.071	1.061	1.397	0.95	0.92	0.91	0.82	1
-	P50440	HUMAN Glycine amidinotransferase, mitochondrial	1.325	0.561	0.836	0.736	0.90	0.99	0.95	0.96	1
-	D0G0C6	PIG Asparagine synthetase	1.429	1.114	1.251	1.567	0.86	0.90	0.85	0.80	3

Human equivalent Ac. No.	Accession No.	Protein	Mitochondrial ribosome							
			Zq (log2 FC)				FDR			
			120	1	4	7	120	1	4	7
P82909	F1RYS1	PIG Uncharacterized protein (Fragment) MRPL1	-2.20	-1.15	-2.09	-2.50	0.46	0.89	0.47	0.47
	I3LQ99	PIG Uncharacterized protein MRPS36	-1.19	-0.35	-1.44	-1.79	0.93	1.01	0.78	0.74
	F1RK59	PIG Uncharacterized protein MRPL40	-0.35	-0.67	-1.56	-1.78	1.00	0.99	0.73	0.74
	F1S8G3	PIG Uncharacterized protein MRPS33	-0.86	-0.72	-1.08	-0.75	0.96	0.99	0.91	0.96

Q8N983	P52815	HUMAN 39S ribosomal protein L12, mitochondrial	-0.26	0.27	-0.89	-0.96	0.99	1.00	0.94	0.92	4
	F1S8U4	PIG Uncharacterized protein MRPL43	-0.20	-0.45	-0.91	-0.69	0.99	1.00	0.94	0.96	3
	F1S9B7	PIG Uncharacterized protein MRPL52	0.30	-0.30	-0.69	-0.70	1.00	1.00	0.97	0.96	1
	F1S8A5	PIG Uncharacterized protein MRPS26	0.54	0.28	-0.42	-0.20	0.99	1.00	1.00	0.99	3
	Q9Y2Q9	HUMAN 28S ribosomal protein S28, mitochondrial	0.71	0.64	0.11	-0.12	0.97	0.99	1.00	1.00	1
	F1SG95	PIG Uncharacterized protein MRPS35	0.52	-0.06	-0.13	0.14	0.99	1.00	1.00	1.00	1
	I3LSY1	PIG Uncharacterized protein MRPL12	0.37	0.28	-0.13	0.24	1.00	1.00	1.00	0.99	1
	F1RU54	PIG Uncharacterized protein MRPL11	1.03	0.91	-0.33	-0.11	0.95	0.96	1.00	1.00	2
	F1SL55	PIG Uncharacterized protein MRPS22	1.89	2.44	1.51	1.39	0.63	0.24	0.75	0.83	1

Supplementary Table S5. Protein expression changes in the functionally annotated categories within cluster a.

Human equivalent Ac. No.	Accession No.	Protein	Zq (log2 FC)				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	I3LJX7	PIG Uncharacterized protein TOR1AIP2	3.94	5.98	1.53	-0.67	0.01	0.00	0.78	1.03	1
-	Q06AA3	PIG Regucalcin	3.5	4.2	2.69	-1.06	0.03	0.00	0.15	1.00	1
-	P09493-6	HUMAN Isoform 6 of Tropomyosin alpha-1 chain	2.83	2.51	2.25	-1.17	0.13	0.23	0.35	0.97	1
-	Q29307	PIG ATPase inhibitor, mitochondrial	1.49	0.26	0.45	1.72	0.76	1.01	1.01	0.76	6
-	F1S9B6	PIG Uncharacterized protein (Fragment) OXA1L	0.57	0.85	1.62	-0.07	1.00	0.97	0.74	1.00	1
-	P60660	HUMAN Myosin light polypeptide 6	3.09	1.15	0.32	-1.94	0.07	0.91	1.00	0.64	4
P12829	F1RRT2	PIG Uncharacterized protein (Fragment) MYL4	2.15	-0.39	0.44	0.25	0.40	1.00	1.01	1.01	3
-	A5X497	PIG Cardiac troponin I	0.04	0.73	0.95	0.4	1.00	0.97	0.96	1.02	22
P45379	I3LS66	PIG Uncharacterized protein TNNT2	1.04	1.15	0.41	-0.55	0.94	0.91	1.00	1.02	24
-	Q8MKF2	PIG Beta-tropomyosin (Fragment)	0.12	1.27	-0.52	0.94	1.01	0.88	1.01	1.02	1
-	P14632	PIG Lactotransferrin	0.71	0.86	-0.05	0.19	1.00	0.97	1.00	1.01	2
-	P09493-2	HUMAN Isoform 2 of Tropomyosin alpha-1 chain	1.09	0.98	0.29	-0.78	0.93	0.95	1.00	1.03	1
-	Q5JTV8	HUMAN Torsin-1A-interacting protein 1	0.4	0.64	0.52	-0.21	1.00	0.98	1.01	1.00	1
-	P09493-5	HUMAN Isoform 5 of Tropomyosin alpha-1 chain	2.71	1.09	-1.02	-1.75	0.17	0.93	0.95	0.74	1
O95433	F1SE06	PIG Uncharacterized protein LOC100626607	0.3	0.3	-0.01	0.31	1.00	1.00	1.00	1.02	4
Q01449	F1SSF9	PIG Uncharacterized protein MYL7	2.41	-0	-0.7	-1.81	0.30	1.00	0.99	0.73	3
-	J3KN66	HUMAN Torsin-1A-interacting protein 1	-0.31	0.44	-0.7	0.4	1.00	0.99	0.99	1.02	1
-	F1S698	PIG Uncharacterized protein TOR1AIP1	0.29	0.41	-0.91	-0.21	1.00	1.00	0.96	1.00	2
-	O95433	HUMAN Activator of 90 kDa heat shock protein ATPase homolog 1	-0.53	0.32	-0.2	-0.11	1.00	1.00	1.01	1.00	1
-	Q8TCG4	HUMAN TPMsk1 (Fragment)	2.86	1.59	-1.11	-4.03	0.12	0.73	0.93	0.00	1
-	Q719I0	HUMAN Activator of 90 kDa heat shock protein ATPase homolog 2	-0.12	0.06	-0.78	-0.29	1.01	1.00	0.98	1.02	1
-	Q92736	HUMAN Ryanodine receptor 2	-0.62	-0.68	-0.45	0.42	1.00	0.98	1.01	1.02	5
Q9UBS4	F1SFJ8	PIG Uncharacterized protein DNAJB11	0.37	0.17	-0.94	-1.07	1.00	1.00	0.96	1.00	1
-	P26678	HUMAN Cardiac phospholamban	0.33	-0.37	-0.45	-1.03	1.00	1.00	1.00	1.02	1
-	F1SNW4	PIG MYL3	3.9	1.3	-1.11	-5.74	0.01	0.87	0.93	0.00	13

-	P07951	HUMAN Tropomyosin beta chain	2.96	1.67	-1.21	-5.41	0.10	0.70	0.90	0.00	2
-	P42639	PIG Tropomyosin alpha-1 chain	3.72	1.99	-0.71	-7.39	0.01	0.50	0.99	0.00	35
-	Q01449	HUMAN Myosin regulatory light chain 2, atrial isoform	0.62	-0.37	-0.72	-2.22	1.00	1.00	0.99	0.45	1
-	A1X899	PIG Beta-tropomyosin	3.24	1.07	-1.27	-6.1	0.05	0.94	0.88	0.00	11
-	P05027	PIG Sodium/potassium-transporting ATPase subunit beta-1	-1.33	-0.91	-1.14	-0.2	0.84	0.96	0.92	1.01	7
Q92736	F1RHM3	PIG Uncharacterized protein (Fragment) RYR2	-0.66	-1.15	-1.27	-0.55	1.01	0.91	0.88	1.02	72
-	P63317	PIG Troponin C, slow skeletal and cardiac muscles	2.27	0.37	-1.6	-7.09	0.35	1.00	0.74	0.00	9
-	A1XQT6	PIG MLC1f	2.11	-1.65	-2.71	-5.26	0.42	0.70	0.15	0.00	5
-	F2Z5B6	PIG Tropomyosin alpha-1 chain	2.48	1.02	-2.03	-9.77	0.27	0.95	0.48	0.00	5
-	A5X5T5	PIG Cardiac troponin I	-3.87	-13.2	-12.9	-6.75	0.01	0.00	0.00	0.00	2

Human equivalent Ac. No.	Accession No.	Thin filament Protein	Zq				FDR				No. peptides
			120	1	4	7	120	1	4	7	
	P09493-6	HUMAN Isoform 6 of Tropomyosin alpha-1 chain	2.83	2.51	2.25	-1.17	0.13	0.23	0.35	0.97	1
	Q9N250	PIG Titin (Fragment)	1.64	1.79	2.48	1.89	0.69	0.61	0.23	0.67	6
	P42639	PIG Tropomyosin alpha-1 chain	3.72	1.99	-0.71	-7.39	0.01	0.50	0.99	0.00	35
	K7EQW8	HUMAN Tropomyosin alpha-4 chain (Fragment)	3.28	1.65	-0.09	-3.08	0.05	0.70	1.00	0.07	1
	Q9N251	PIG Titin (Fragment)	0.67	1.03	2.9	1	1.01	0.95	0.10	1.02	7
	A1XQV4	PIG Tropomyosin alpha-3 chain	3.23	2.26	-1.06	-5.65	0.05	0.36	0.94	0.00	3
	Q29117	PIG Titin (Fragment)	0.3	0.88	2.34	2.49	1.00	0.97	0.30	0.27	21
	P07951	HUMAN Tropomyosin beta chain	2.96	1.67	-1.21	-5.41	0.10	0.70	0.90	0.00	2
	Q8TCG4	HUMAN TPMsk1 (Fragment)	2.86	1.59	-1.11	-4.03	0.12	0.73	0.93	0.00	1
	A1X899	PIG Beta-tropomyosin	3.24	1.07	-1.27	-6.1	0.05	0.94	0.88	0.00	11
	P67936	HUMAN Tropomyosin alpha-4 chain	1.48	1.18	0.13	-0.27	0.77	0.91	1.00	1.01	1
	P09493-5	HUMAN Isoform 5 of Tropomyosin alpha-1 chain	2.71	1.09	-1.02	-1.75	0.17	0.93	0.95	0.74	1
P45379	I3LS66	PIG Uncharacterized protein TNNT2	1.04	1.15	0.41	-0.55	0.94	0.91	1.00	1.02	24
	Q75ZZ6	PIG Troponin T, slow skeletal muscle	0.66	0.93	0.93	0.52	1.01	0.96	0.96	1.03	2
	Q8WZ42-6	HUMAN Isoform 6 of Titin	0.65	0.55	1.28	1.23	1.00	0.99	0.88	0.96	1
	B3VFA9	PIG Troponin I skeletal slow-twitch protein	2.04	0.75	-0.41	-0.66	0.46	0.97	1.00	1.03	3
	P09493-2	HUMAN Isoform 2 of Tropomyosin alpha-1 chain	1.09	0.98	0.29	-0.78	0.93	0.95	1.00	1.03	1
	Q8WZ42	HUMAN Titin	0.1	0.49	1.69	1.86	1.01	1.00	0.70	0.69	758

Q6P5Q4	A5X497	PIG Cardiac troponin I	0.04	0.73	0.95	0.4	1.00	0.97	0.96	1.02	22
	P02587	PIG Troponin C, skeletal muscle	1.57	-0.21	0.32	-1.55	0.72	1.00	1.00	0.85	1
	F2Z5B6	PIG Tropomyosin alpha-1 chain	2.48	1.02	-2.03	-9.77	0.27	0.95	0.48	0.00	5
	Q4JH15	PIG Troponin I	0.92	0.65	-0.11	-0.6	0.98	0.98	1.00	1.03	1
	F1SLY4	PIG Uncharacterized protein LMOD2	0.09	1.82	-0.65	-0.35	1.00	0.60	1.00	1.01	11
	P63317	PIG Troponin C, slow skeletal and cardiac muscles	2.27	0.37	-1.6	-7.09	0.35	1.00	0.74	0.00	9
	Q8MKF2	PIG Beta-tropomyosin (Fragment)	0.12	1.27	-0.52	0.94	1.01	0.88	1.01	1.02	1
	P79309	PIG Tropomyosin TM30-pl (Fragment)	0.87	0.58	-1.01	-1.73	0.99	0.99	0.96	0.75	1
	Q8WZ42	PIG Uncharacterized protein	-0.43	-0.18	0.87	1.42	1.00	1.00	0.97	0.90	111
	Q8MKF3	PIG Beta-tropomyosin (Fragment)	1.92	-0.08	-1.8	-4.56	0.53	1.00	0.64	0.00	4
P28289	Q9N0Y9	PIG Ubiquitous tropomodulin U-Tmod	0.57	-0.09	-0.78	0.17	1.00	1.00	0.98	1.00	1
	G0W2Z1	PIG Troponin T type 2 (Cardiac) (Fragment)	-0.22	0.18	-0.37	0.76	1.00	1.00	1.00	1.03	3
	G8IFA6	PIG Mitochondrial NADH dehydrogenase Fe-S protein 4	-0.09	-0.17	-0.39	0.81	1.00	1.00	1.00	1.03	1
	I3LJ88	PIG Uncharacterized protein TMOD1	0.14	0.22	-1.13	-1.35	1.01	1.00	0.92	0.91	18
	O97771	PIG Titin (Fragment)	-1.86	-1.94	0.29	2.35	0.57	0.53	1.00	0.35	12
	P68137	PIG Actin, alpha skeletal muscle	-1.55	-1.73	-0.75	-0.71	0.73	0.65	0.99	1.03	38
	P29536	HUMAN Leiomodin-1	-1.6	-1.69	-1.36	-1.56	0.70	0.68	0.84	0.84	1
	A5X5T5	PIG Cardiac troponin I	-3.87	-13.2	-12.9	-6.75	0.01	0.00	0.00	0.00	2

Human equivalent Ac. No.	Accession No.	Protein	Thin filament components (troponin-tropomyosin complex)								No. peptides
			Zq				FDR				
			120	1	4	7	120	1	4	7	
P45379	P42639	PIG Tropomyosin alpha-1 chain	3.72	1.99	-0.71	-7.39	0.01	0.50	0.99	0.00	35
	K7EQW8	HUMAN Tropomyosin alpha-4 chain (Fragment)	3.28	1.65	-0.09	-3.08	0.05	0.70	1.00	0.07	1
	I3LS66	PIG Uncharacterized protein TNNT2	1.04	1.15	0.41	-0.55	0.94	0.91	1.00	1.02	24
	A5X497	PIG Cardiac troponin I	0.04	0.73	0.95	0.4	1.00	0.97	0.96	1.02	22
P28289	I3LJ88	PIG Uncharacterized protein TMOD1	0.14	0.22	-1.13	-1.35	1.01	1.00	0.92	0.91	18
	Q8TCG4	HUMAN TPMsk1 (Fragment)	2.86	1.59	-1.11	-4.03	0.12	0.73	0.93	0.00	1
	P09493-6	HUMAN Isoform 6 of Tropomyosin alpha-1 chain	2.83	2.51	2.25	-1.17	0.13	0.23	0.35	0.97	1
	P09493-5	HUMAN Isoform 5 of Tropomyosin alpha-1 chain	2.71	1.09	-1.02	-1.75	0.17	0.93	0.95	0.74	1
	A1X899	PIG Beta-tropomyosin	3.24	1.07	-1.27	-6.1	0.05	0.94	0.88	0.00	11
	P63317	PIG Troponin C, slow skeletal and cardiac muscles	2.27	0.37	-1.6	-7.09	0.35	1.00	0.74	0.00	9

F2Z5B6	PIG Tropomyosin alpha-1 chain
Q8MKF3	PIG Beta-tropomyosin (Fragment)
P02587	PIG Troponin C, skeletal muscle
P67936	HUMAN Tropomyosin alpha-4 chain
P09493-2	HUMAN Isoform 2 of Tropomyosin alpha-1 chain
A1XQV4	PIG Tropomyosin alpha-3 chain
Q4JH15	PIG Troponin I
P79309	PIG Tropomyosin TM30-pl (Fragment)
B3VFA9	PIG Troponin I skeletal slow-twitch protein
Q9N0Y9	PIG Ubiquitous tropomodulin U-Tmod
G0W2Z1	PIG Troponin T type 2 (Cardiac) (Fragment)
Q8MKF2	PIG Beta-tropomyosin (Fragment)
P07951	HUMAN Tropomyosin beta chain
Q75ZZ6	PIG Troponin T, slow skeletal muscle

2.48	1.02	-2.03	-9.77	0.27	0.95	0.48	0.00	5
1.92	-0.08	-1.8	-4.56	0.53	1.00	0.64	0.00	4
1.57	-0.21	0.32	-1.55	0.72	1.00	1.00	0.85	1
1.48	1.18	0.13	-0.27	0.77	0.91	1.00	1.01	1
1.09	0.98	0.29	-0.78	0.93	0.95	1.00	1.03	1
3.23	2.26	-1.06	-5.65	0.05	0.36	0.94	0.00	3
0.92	0.65	-0.11	-0.6	0.98	0.98	1.00	1.03	1
0.87	0.58	-1.01	-1.73	0.99	0.99	0.96	0.75	1
2.04	0.75	-0.41	-0.66	0.46	0.97	1.00	1.03	3
0.57	-0.09	-0.78	0.17	1.00	1.00	0.98	1.00	1
-0.22	0.18	-0.37	0.76	1.00	1.00	1.00	1.03	3
0.12	1.27	-0.52	0.94	1.01	0.88	1.01	1.02	1
2.96	1.67	-1.21	-5.41	0.10	0.70	0.90	0.00	2
0.66	0.93	0.93	0.52	1.01	0.96	0.96	1.03	2

Human equivalent Ac. No.	Accession No.	Protein
Q8N983-4	F1S8U4	PIG Uncharacterized protein MRPL43
I3LSY1	I3LSY1	PIG Uncharacterized protein MRPL12
-	P52815	HUMAN 39S ribosomal protein L12, mitochondrial
-	P82933	HUMAN 28S ribosomal protein S9, mitochondrial
-	P82914	HUMAN 28S ribosomal protein S15, mitochondrial
Q9Y3B7	F1RU54	PIG Uncharacterized protein MRPL11
P82673	F1SG95	PIG Uncharacterized protein MRPS35
-	F1S9B7	PIG Uncharacterized protein MRPL52
Q96EL2	F1ST79	PIG Uncharacterized protein MRPS24
-	F1SL55	PIG Uncharacterized protein MRPS22
-	Q767K8	PIG 28S ribosomal protein S18b, mitochondrial
-	F1RK59	PIG Uncharacterized protein MRPL40
-	F1S8A5	PIG Uncharacterized protein MRPS26
-	F1SRT1	PIG Uncharacterized protein MRPS11

Mitochondrial ribosome

Zq				FDR				No. peptides
120	1	4	7	120	1	4	7	
4.04	3.69	0.31	1	0.00	0.01	1.00	1.02	2
1.42	2.36	2.29	1.48	0.80	0.31	0.32	0.88	1
3.31	1.27	1.65	-0.3	0.04	0.87	0.71	1.01	1
0.29	0.62	3.34	1.28	1.00	0.99	0.03	0.94	1
2.61	0.82	0.72	0.86	0.21	0.97	0.99	1.03	2
1.65	1.81	0.6	-0.43	0.68	0.60	1.01	1.02	3
0.63	1.66	0.17	1.09	1.00	0.70	1.00	0.99	1
0.55	0.08	1.13	0.94	1.00	1.00	0.92	1.02	1
0.51	1.12	0.15	-0.77	1.00	0.92	1.00	1.03	1
0.57	0.35	-0.28	0.17	1.00	1.00	1.00	1.01	1
1.61	0.24	0.69	-1.87	0.70	1.00	0.99	0.68	1
1.51	0.95	-0.67	-1.2	0.75	0.95	1.00	0.97	3
0.11	-0.95	0.45	0.31	1.01	0.96	1.01	1.02	2
-0.47	0.01	-0.92	-0.08	1.00	1.00	0.96	1.00	1

P82909	I3LQ99	PIG Uncharacterized protein MRPS36
-	F1RWJ0	PIG Uncharacterized protein MRPL10
-	F1S8G3	PIG Uncharacterized protein MRPS33

-0.44	-1.17	-0.96	0.36	1.00	0.91	0.96	1.01	5
-0.81	-0.03	-0.68	-0.81	0.99	1.00	1.00	1.03	1
-1.18	-1.32	-1.4	-0.29	0.90	0.86	0.83	1.02	1

Human equivalent	Accession	Protein
Ac. No.	No.	
P08123	F1SFA7	PIG Uncharacterized protein COL1A2
P02452	I3LJX2	PIG Uncharacterized protein
P02452	I3LUM2	PIG Uncharacterized protein
-	P08123	HUMAN Collagen alpha-2(I) chain
-	P02461	HUMAN Collagen alpha-1(III) chain
P02461	F1RYI8	PIG Uncharacterized protein COL3A1
-	P02452	HUMAN Collagen alpha-1(I) chain
-	P12107	HUMAN Collagen alpha-1(XI) chain
-	Q59IP2	PIG Procollagen alpha 2(V)
P02458	I3LSV6	PIG Uncharacterized protein (Fragment) COL2A1
Q8IZC6	I3LDG8	PIG Uncharacterized protein
P20908	F1S021	PIG Uncharacterized protein (Fragment) COL5A1
-	Q59IP1	PIG Procollagen alpha 3(V)
P12107	F1S571	PIG Uncharacterized protein (Fragment) COL11A1

Zq				FDR				No. peptides
120	1	4	7	120	1	4	7	
1.88	4.26	1.31	1.83	0.55	0.00	0.86	0.70	8
2.3	2.53	1.24	2.27	0.34	0.22	0.90	0.41	2
1.82	2.35	1.88	1.74	0.59	0.31	0.58	0.75	4
1.57	3.48	1.45	1.27	0.72	0.02	0.81	0.95	2
0.42	1.75	0.47	1.27	1.00	0.63	1.01	0.95	2
0.7	0.8	0.67	1.6	1.00	0.97	1.00	0.82	2
0.41	1.82	-0.15	1.27	1.00	0.60	1.00	0.95	1
0.38	-0.15	1.26	1.76	1.00	1.00	0.88	0.74	1
1.46	0.43	-0.05	-0.09	0.77	0.99	1.00	1.01	3
0.4	0.32	-0.04	0.73	1.00	1.00	1.00	1.03	1
0.93	0.15	-0.07	0.13	0.97	0.99	1.00	1.00	1
-0.67	0.14	0.03	0.76	1.01	0.99	1.00	1.03	2
-0.67	-0.69	-0.87	-0.44	1.01	0.98	0.97	1.02	2
-4.09	-4.15	-1.94	2.38	0.00	0.00	0.54	0.33	1

Human equivalent	Accession	Protein
Ac. No.	No.	
-	Q10713	HUMAN Mitochondrial-processing peptidase subunit alpha
-	Q99542	HUMAN Matrix metalloproteinase-19
-	K9J6J4	PIG Caspase-7 isoform alpha
-	Q6Q781	PIG Calpastatin
-	P12675	PIG Calpastatin
-	HOY6I4	HUMAN Matrix metalloproteinase-23, soluble form (Fragment)
Q9NY33	I3LGH6	PIG Uncharacterized protein

Zq				FDR				No. peptides
120	1	4	7	120	1	4	7	
5.37	7.17	6.2	-2.38	0.00	0.00	0.00	0.33	1
6.47	4.98	0.94	0.43	0.00	0.00	0.96	1.02	1
2.08	1.3	1.39	1.11	0.44	0.87	0.83	0.99	1
1.41	1.84	0.1	0.96	0.81	0.58	1.00	1.03	5
1.69	1.56	0.61	0.27	0.67	0.75	1.01	1.01	22
0.17	2	1.05	0.24	1.01	0.50	0.94	1.01	1
1.47	1.82	0.65	-0.54	0.77	0.60	1.00	1.02	3

-	Q19AZ8	PIG Prothrombin	0.55	0.14	1.09	1.45	1.00	0.99	0.93	0.88	3
-	B5LOY2	PIG Calpastatin	0.5	1.61	0.1	0.77	1.00	0.72	1.00	1.03	1
Q99538	F1SD70	PIG Uncharacterized protein LGMN	2.08	2.15	-0.18	-1.36	0.44	0.41	1.00	0.91	1
-	P49923	PIG Lipoprotein lipase	1.03	0.79	0.65	0.18	0.94	0.97	1.00	1.00	1
-	K9IVF7	PIG X-prolyl aminopeptidase (Aminopeptidase P) 1, soluble	1.11	1.92	0.26	-0.68	0.92	0.54	1.00	1.02	6
-	Q9GLP0	PIG Integrin beta-1	0.72	1.14	0.1	0.45	1.00	0.91	1.00	1.02	8
Q8TBC4	F1SFQ0	PIG Uncharacterized protein UBA3	1.16	0.89	0.88	-0.78	0.90	0.97	0.97	1.03	2
-	Q8N2S1	HUMAN Latent-transforming growth factor beta-binding protein 4	-0.34	0.48	0.52	1.46	1.00	0.99	1.01	0.88	1
Q13049	F1SMI2	PIG Uncharacterized protein LOC100737405	0.76	0.65	-0.14	0.86	1.01	0.98	1.00	1.03	1
-	I3LD20	PIG Dystroglycan	-0.26	0.14	0.19	1.53	1.00	1.00	1.01	0.86	8
-	F1RX50	PIG Uncharacterized protein (Fragment) PITRM1	-0.22	-0.49	0.63	1.52	1.00	1.00	1.01	0.86	1
P53634	F1STR1	PIG Uncharacterized protein CTSC	0.37	0.66	0.73	-0.64	0.99	0.98	0.99	1.03	3
Q12797	I3LGF7	PIG Uncharacterized protein (Fragment) LOC100525988	0.26	-0.31	-0.23	1.3	1.00	1.01	1.00	0.94	3
-	F1RZR2	PIG Uncharacterized protein BAK1	1.17	-0.31	-0.47	0.5	0.90	1.01	1.01	1.03	1
-	G9FSR3	PIG Non-muscle myosin heavy chain II A (Fragment)	0.43	0.18	-0.46	0.58	1.00	1.00	1.01	1.03	18
-	H9TUB4	PIG UME3A	0.73	0.57	-0.93	0.2	1.00	0.99	0.96	1.01	2
-	Q16186	HUMAN Proteasomal ubiquitin receptor ADRM1	0.11	0.33	-0.23	-0.06	1.01	1.00	1.00	1.00	1
-	Q29243	PIG Dystroglycan (Fragment)	1.38	1.13	-1.48	-1.03	0.82	0.91	0.79	1.01	1
-	P00795	PIG Cathepsin D	0.28	0.02	-0.25	-0.21	1.00	1.00	1.00	1.00	8
-	I3L812	PIG Uncharacterized protein TPP1	0.1	0.58	0.18	-1.32	1.00	0.99	1.00	0.93	1
-	K9IVP5	PIG N-myosin-9	0.01	-0.43	-0.84	0.6	1.00	0.99	0.97	1.03	9
-	O43464	HUMAN Serine protease HTRA2, mitochondrial	0.53	0.67	-0.65	-1.33	1.00	0.98	1.00	0.93	1
-	B0FWK4	PIG Signal peptidase complex subunit 1	0.3	-1.01	-0.61	-0.11	1.00	0.95	1.01	1.00	1
-	F1RZL2	PIG Uncharacterized protein HTRA4	-0.37	-0.85	-0.78	0.25	0.99	0.97	0.98	1.01	1
-	P07093	HUMAN Glia-derived nexin	-0.75	-0.39	-0.88	0.22	1.01	1.00	0.97	1.01	1
Q92542	F1RJY0	PIG Uncharacterized protein NCSTN	-0.47	-1.11	0.93	-1.22	1.00	0.92	0.96	0.96	1
-	P43686	HUMAN 26S protease regulatory subunit 6B	-0.46	-0.74	-0.65	-0.53	1.00	0.97	1.00	1.03	3
-	G9BWQ1	PIG V-akt murine thymoma viral oncogene-like 1	0.1	-1.01	-1.43	-0.32	1.00	0.95	0.82	1.02	2
Q15011	I3LET0	PIG Uncharacterized protein (Fragment) NEDD8	-0.93	0.38	-7.88	0.02	0.97	1.00	0.00	1.00	1
-	O14672	HUMAN Disintegrin and metalloproteinase domain-containing protein 10	-1.16	-3.33	-4.63	-0.62	0.90	0.03	0.00	1.03	1

Supplementary Table S6. Protein expression changes in the functionally annotated categories within cluster b.

Human equivalent Ac. No.	Accession No.	Protein	Mitochondrial carriers							
			Zq				FDR			
			120	1	4	7	120	1	4	7
Q00325	F1SQT3	PIG Uncharacterized protein (Fragment) SLC25A3 [PiC]	-2.97	-2.23	-1.68	-0.35	0.10	0.38	0.71	1.01
-	Q6QRN9	PIG ADP/ATP translocase 3 [ANT3]	-2.32	-2.26	-1.06	0.38	0.33	0.36	0.94	1.01
-	O75746	HUMAN Calcium-binding mitochondrial carrier protein Aralar1	-1.53	-1.58	-1.36	-0.15	0.74	0.74	0.84	1.00
-	M3VK21	PIG Solute carrier family 25 (Aspartate/glutamate carrier), member 12 [Aralar 1]	-1.27	-1.36	-1.48	-0.46	0.87	0.84	0.80	1.02
P05141	F2Z565	PIG Uncharacterized protein SLC25A5 [ANT2]	-2.39	-0.91	-0.56	0.11	0.30	0.97	1.01	1.00
Q9UJS0	F1SF87	PIG Uncharacterized protein (Fragment) SLC25A13 [Aralar2]	-1.09	-0.96	-1.11	-0.51	0.93	0.95	0.93	1.03
-	F1RLI6	PIG Solute carrier family 25, member 46	0.17	-0.6	-1.37	-1.3	1.01	0.99	0.84	0.94
-	F1SUU2	PIG Uncharacterized protein SLC25A34	0.16	-0.18	-1.27	-0.43	1.01	1.00	0.88	1.02
P12235	F1RZQ6	PIG Uncharacterized protein SLC25A4 [ANT1]	-2.19	-1.62	2.13	0.22	0.39	0.72	0.41	1.01
P53007	F1RK74	PIG Uncharacterized protein SLC25A1	-0.09	-0.03	-0.01	0.53	1.01	1.00	1.00	1.03
-	O43772	HUMAN Mitochondrial carnitine/acylcarnitine carrier protein	0.1	-0.62	0.32	0.27	1.00	0.99	1.00	1.01
-	M3VH80	PIG Solute carrier family 25 (Aspartate/glutamate carrier), member 13 tv2	-1.17	1.34	-2.15	2.9	0.90	0.85	0.40	0.11
O43772	F1SKK1	PIG Uncharacterized protein SLC25A20 [CAC]	-0.62	-0.28	1.13	2.36	1.00	1.00	0.92	0.34
P19367	F1SUF2	PIG Uncharacterized protein (Fragment) HK1	-0.8	-0.71	-0.4	0.63	1.00	0.97	1.00	1.03
-	Q9MZ16	PIG Voltage-dependent anion-selective channel protein 1	-1.48	-1.01	-0.92	-0.85	0.77	0.95	0.96	1.03
Human equivalent Ac. No.	Accession No.	Protein	Fatty acid B-oxidation							
			Zq				FDR			
			120	1	4	7	120	1	4	7
-	P40939	HUMAN Trifunctional enzyme subunit alpha, mitochondrial	-2.03	-4.35	-1.46	-7.15	0.47	0.00	0.81	0.00
-	B2ZF49	PIG Hydroxyacyl-coenzyme A dehydrogenase	-1.13	-4.02	-2.00	-4.45	0.92	0.00	0.51	0.00
-	Q29554	PIG Trifunctional enzyme subunit alpha, mitochondrial	-1.54	-0.15	-0.17	1.08	0.73	0.99	1.00	1.00
-	P09110	HUMAN 3-ketoacyl-CoA thiolase, peroxisomal	-2.20	-2.96	-3.13	-0.91	0.38	0.09	0.05	1.03
P49748	I3LLE3	PIG Uncharacterized protein (Fragment) LOC100520636	-1.30	-1.05	-0.15	0.85	0.85	0.94	1.00	1.03
-	P11310	HUMAN Medium-chain specific acyl-CoA dehydrogenase, mitochondrial	-1.26	-1.85	-1.51	-0.77	0.88	0.58	0.79	1.03

-	Q9H845	HUMAN Acyl-CoA dehydrogenase family member 9, mitochondrial	-1.16	-1.38	-1.21	-1.23	0.90	0.84	0.90	0.96	1
-	K7GM59	PIG Uncharacterized protein (Fragment) ABCD1	-2.33	-1.51	-0.04	-1.08	0.33	0.77	1.00	1.00	1
P55084	F1SDN2	PIG Uncharacterized protein HADHB	-1.23	-0.54	-0.22	0.59	0.89	0.99	1.00	1.03	31
-	P00348	PIG Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial	-2.10	-1.46	-1.72	-0.54	0.42	0.79	0.69	1.03	27
-	P24752	HUMAN Acetyl-CoA acetyltransferase, mitochondrial	-1.15	-1.31	-1.57	-0.30	0.90	0.86	0.75	1.01	1
-	P79274	PIG Long-chain specific acyl-CoA dehydrogenase, mitochondrial	-0.78	-1.12	1.09	-0.17	1.00	0.92	0.93	1.00	23
-	A7YB26	PIG Peroxisomal enoyl coenzyme A hydratase 1 (Fragment)	-0.63	-1.33	-1.17	-0.78	1.00	0.86	0.92	1.03	1
-	D0G0B3	PIG Acetyl-Coenzyme A acyltransferase 2	-0.53	-0.02	0.63	1.23	1.00	1.00	1.01	0.96	21
P24752	I3LP02	PIG Uncharacterized protein ACAT1	-2.27	-1.11	-0.82	-0.53	0.35	0.92	0.97	1.03	20
-	Q99714	HUMAN 3-hydroxyacyl-CoA dehydrogenase type-2	-1.24	-1.68	0.23	-0.91	0.88	0.68	1.00	1.03	1
-	F1RL48	PIG Uncharacterized protein ACAD10	-0.04	-0.28	-1.37	-1.85	1.00	1.00	0.84	0.70	1
-	P55931	PIG Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial	-1.21	-1.01	-0.75	-0.11	0.89	0.95	0.99	1.00	20
-	Q8HY46	PIG Carnitine O-palmitoyltransferase 1, muscle isoform	-0.54	-0.41	-1.08	-0.36	1.00	1.00	0.93	1.01	19
-	P41367	PIG Medium-chain specific acyl-CoA dehydrogenase, mitochondrial	-0.37	0.88	0.52	-0.33	0.99	0.97	1.01	1.02	16
P23786	F1S764	PIG Uncharacterized protein CPT2	-0.33	-0.66	0.35	-0.31	1.00	0.98	1.00	1.01	14
I3LJ48	I3LJ48	PIG Uncharacterized protein (Fragment) EHHADH	-0.05	0.24	-1.21	-1.51	1.00	1.00	0.90	0.87	1
P30084	F1SAC1	PIG Uncharacterized protein ECHS1	-1.97	-2.35	-2.50	-2.86	0.50	0.31	0.23	0.12	13
P45954	F1SED0	PIG Uncharacterized protein (Fragment) ACADSB	-0.18	0.22	-0.76	-1.45	1.01	1.00	0.98	0.88	12
-	P79273	PIG Short-chain specific acyl-CoA dehydrogenase, mitochondrial	-0.53	-0.89	-0.86	-0.78	1.00	0.97	0.97	1.03	11
-	K7GRM6	PIG Uncharacterized protein (Fragment) HSD17B10	0.15	0.19	-0.58	-1.65	1.01	1.00	1.01	0.80	1
Q9H845	I3LUR5	PIG Uncharacterized protein (Fragment) ACAD9	0.00	-0.37	0.28	-0.26	1.00	1.00	1.00	1.01	10
P51659	I3LEF8	PIG Uncharacterized protein HSD17B4	-0.29	-0.09	-0.63	-0.20	1.00	1.00	1.01	1.01	7
Q6JQN1	I3LK34	PIG Uncharacterized protein LOC100625244	0.01	-0.35	0.00	-1.05	1.00	1.00	1.00	1.00	6
Q13011	I3LJ4	PIG Uncharacterized protein ECH1	-0.63	-0.91	-1.05	-0.85	1.01	0.97	0.94	1.03	5
-	Q28956	PIG 17beta-estradiol dehydrogenase	1.09	1.59	-0.13	-0.19	0.93	0.73	1.00	1.01	5
Q6JQN1	I3LDT4	PIG Uncharacterized protein	0.29	-0.46	0.14	-1.10	1.00	0.99	1.00	0.99	4
-	Q3Y5G5	PIG Peroxisomal enoyl coenzyme A hydratase 1	-1.81	-1.33	-0.53	-0.25	0.60	0.86	1.01	1.01	3
Q99714	K7GND4	PIG Uncharacterized protein (Fragment) HSD17B10	-0.81	-0.53	-0.36	-1.28	1.00	1.00	1.00	0.95	3
Q99714	K7GMY3	PIG Uncharacterized protein (Fragment) HSD17B10	0.71	-0.16	0.16	-0.25	1.00	1.00	1.00	1.01	3
-	P45954	HUMAN Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial	-0.41	0.53	-0.70	0.06	1.00	1.00	0.99	1.00	1
-	P42765	HUMAN 3-ketoacyl-CoA thiolase, mitochondrial	-0.94	-1.29	-1.17	-0.99	0.97	0.87	0.92	1.02	2
-	I3LAI1	PIG Uncharacterized protein (Fragment) ECHS1	-0.95	-0.63	-1.62	-0.72	0.96	0.99	0.74	1.03	2

-	O43772	HUMAN Mitochondrial carnitine/acylcarnitine carrier protein
-	Q16698	HUMAN 2,4-dienoyl-CoA reductase, mitochondrial
-	Q16836	HUMAN Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial
-	H9BYW3	PIG Acyl-coenzyme A oxidase
-	P28330	HUMAN Long-chain specific acyl-CoA dehydrogenase, mitochondrial
-	F1RUP0	PIG Uncharacterized protein (Fragment) ECHDC3

0.10	-0.62	0.32	0.27	1.00	0.99	1.00	1.01	1
-0.84	-1.31	0.30	-1.96	0.99	0.86	1.00	0.63	2
-0.18	-0.42	-1.09	-0.53	1.01	1.00	0.93	1.03	2
1.04	0.89	-0.62	-0.52	0.94	0.97	1.01	1.03	1
-0.50	-1.12	1.14	-0.71	1.00	0.92	0.92	1.03	2
-0.72	-0.05	0.33	0.08	1.00	1.00	1.00	1.00	2

Human equivalent	Accession	Thick filament
Ac. No.	No.	Protein
-	Q9UKX2	HUMAN Myosin-2
-	Q14896	HUMAN Myosin-binding protein C, cardiac-type
-	P79293	PIG Myosin-7
P11055	F1SS61	PIG Uncharacterized protein MYH3
Q14324	F1SID7	PIG Uncharacterized protein MYBPC3
-	P12883	HUMAN Myosin-7
Q96K31	F1RR11	PIG Uncharacterized protein LOC100517937
P52179	F1SM75	PIG Uncharacterized protein MYOM1
-	Q9TV61	PIG Myosin-1
-	P11055	HUMAN Myosin-3
-	Q9TV63	PIG Myosin-2
Q9UPQ3	I3LTX4	PIG Uncharacterized protein
-	F1S9D6	PIG Myosin-7
Q9NU22	F1RY21	PIG Uncharacterized protein
-	E7EX84	HUMAN Myosin-2 (Fragment)
-	P12882	HUMAN Myosin-1

Zq				FDR				No. peptides
120	1	4	7	120	1	4	7	
1.76	-3.1	-4.51	-4.85	0.62	0.06	0.00	0.00	1
-2.14	-1.94	-1.68	-1.18	0.40	0.53	0.71	0.98	2
-2.48	-2.28	-1.39	-0.13	0.26	0.35	0.83	1.00	229
-1.91	-1.35	-1.79	-0.66	0.53	0.85	0.65	1.03	10
-2.07	-2.26	-1.2	0.01	0.44	0.36	0.90	1.00	84
-1.91	-0.56	-1.7	-0.94	0.54	0.99	0.69	1.02	3
-1.59	-1.43	-1.23	-0.38	0.71	0.81	0.90	1.01	1
-1.32	-1.62	-1.17	-0.03	0.84	0.72	0.91	1.00	99
-1.67	-1.59	-1	0.42	0.68	0.73	0.96	1.02	70
-0.89	-1.25	-0.8	-0.74	0.99	0.88	0.98	1.03	6
-0.97	-0.67	-0.11	0.02	0.96	0.98	1.00	1.00	15
0.04	-0.15	0.23	-0.1	1.00	0.99	1.00	1.00	1
1.65	1.03	-0.67	-0.16	0.68	0.95	1.00	1.00	2
0.23	0.77	0.26	0.72	1.00	0.97	1.00	1.03	1
0.76	0.73	1	1.93	1.01	0.97	0.96	0.65	1
6.28	1.36	2.98	3.93	0.00	0.84	0.08	0.00	1

Human equivalent	Accession	Accessory contractile p.
Ac. No.	No.	Protein
-	Q14896	HUMAN Myosin-binding protein C, cardiac-type
P98160	F1SU03	PIG Uncharacterized protein HSPG2

Zq				FDR				No. peptides
120	1	4	7	120	1	4	7	
-2.14	-1.94	-1.68	-1.18	0.40	0.53	0.71	0.98	2
-0.79	-1.86	-1.9	-1.28	1.00	0.57	0.57	0.94	16

-	P98160	HUMAN Basement membrane-specific heparan sulfate proteoglycan core protein	-0.98	-2.05	-1.69	-1.07	0.96	0.47	0.69	1.00	7
P54296	F1RVL5	PIG Uncharacterized protein (Fragment) MYOM2	-1.78	-2.16	-1.68	-0.08	0.61	0.41	0.70	1.00	63
Q14324	F1SID7	PIG Uncharacterized protein MYBPC3	-2.07	-2.26	-1.2	0.01	0.44	0.36	0.90	1.00	84
-	P54296	HUMAN Myomesin-2	-1.2	-2.59	-0.59	-0.59	0.89	0.20	1.01	1.03	3
F1SJL0	F1SJL0	PIG Uncharacterized protein IGDCC3	-1.87	-1.75	-1.6	0.35	0.56	0.63	0.74	1.01	1
P52179	F1SM75	PIG Uncharacterized protein MYOM1	-1.32	-1.62	-1.17	-0.03	0.84	0.72	0.91	1.00	99
-	G8FUN4	PIG Myomesin family member 3 (Fragment)	-0.97	-1.46	-0.98	-0.03	0.97	0.79	0.96	1.00	5
P98160	I3LLD8	PIG Uncharacterized protein (Fragment) LOC100626701	-0.12	-0.41	-1.6	-1.15	1.01	1.00	0.74	0.98	8
I3LB92	I3LB92	PIG Uncharacterized protein (Fragment) MYOM3	-1.35	-1.46	-1.02	0.56	0.83	0.79	0.95	1.03	14
-	F1RH19	PIG Uncharacterized protein MYBPC2	-0.7	-1.26	-0.84	-0.19	1.00	0.87	0.97	1.00	1
P98160	I3LAA4	PIG Uncharacterized protein	-0.61	-1.42	-0.42	-0.06	1.00	0.81	1.00	1.01	4
Q86TC9	I3LIB5	PIG Uncharacterized protein MYPN	-0.48	-0.89	-0.62	-0.51	1.00	0.97	1.01	1.03	10
O60229	I3LAJ5	PIG Uncharacterized protein (Fragment)	-1.33	-0.65	-0.51	0.09	0.84	0.98	1.00	1.01	1
P54296	I3LES8	PIG Uncharacterized protein (Fragment)	-1.21	-1.16	-1.04	1.03	0.89	0.90	0.95	1.01	6
-	Q5VTT5	HUMAN Myomesin-3	-0.83	-0.77	-0.74	0.03	0.99	0.97	0.99	1.00	18
P98160	F1SU00	PIG Uncharacterized protein (Fragment)	0.16	-0.49	-1	-0.75	1.01	1.00	0.96	1.03	2
F1RZ06	F1RZ06	PIG Uncharacterized protein (Fragment) MXRA5	-0.94	-0.72	0.17	-0.46	0.96	0.97	1.00	1.02	2
Q8IZU9	F1S6H0	PIG Uncharacterized protein KIRREL3	-0.8	-0.1	-0.62	0.24	1.00	1.00	1.01	1.01	1
-	P43121	HUMAN Cell surface glycoprotein MUC18	-1.08	0.22	-0.54	0.64	0.93	1.00	1.01	1.03	1
-	Q96JA1	HUMAN Leucine-rich repeats and immunoglobulin-like domains protein 1	-0	0.07	-0.41	-0.32	1.00	1.00	1.00	1.02	1
-	O60229	HUMAN Kalirin	1.01	1.54	-0.53	-1.68	0.95	0.75	1.01	0.78	1
-	Q15746	HUMAN Myosin light chain kinase, smooth muscle	1.13	0.38	-0.15	-0.64	0.92	1.00	1.00	1.03	1
-	F1SFR8	PIG Uncharacterized protein LRIG1	0.86	0.28	0.34	-0.32	0.99	1.00	1.00	1.02	1
Q9UBF9	F1RH92	PIG Uncharacterized protein MYOT	-0.39	0.7	0.69	0.98	1.00	0.97	0.99	1.02	16
Human equivalent Ac. No. Accession No. Protein Mitochondrial complexes											
-	Q35914	PIG ATP synthase protein 8	Zq				FDR				No. peptides
O75964	F1SAK6	PIG Uncharacterized protein ATP5L	120	1	4	7	120	1	4	7	
-	I3LER5	PIG Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	-0.47	-3.69	-12.3	-12.8	1.00	0.01	0.00	0.00	1
O75489	F1SIF2	PIG Uncharacterized protein NDUFS3	-2.3	-2.97	-2.79	-1.77	0.34	0.09	0.13	0.74	6
			-3.51	-3.64	-1.88	0.18	0.02	0.01	0.58	1.00	4
			-1.05	-1.79	-2.38	-2.73	0.94	0.62	0.28	0.16	14

-	A5GFX4	PIG ATP synthase, H ⁺ transporting, mitochondrial F1 complex, epsilon subunit	-2.72	-3.42	-1.4	-0.29	0.16	0.03	0.83	1.02	2
-	P0C7P4	HUMAN Putative cytochrome b-c1 complex subunit Rieske-like protein 1	0.01	-1.47	-4.08	-2.22	1.00	0.79	0.00	0.45	1
-	F1SGC6	PIG Uncharacterized protein NDUFB5	-1.89	-1.85	-1.73	-1.07	0.55	0.58	0.68	1.00	9
-	G8JE99	HUMAN Cytochrome c oxidase subunit 2	-0.66	-1.12	-2.64	-1.73	1.01	0.92	0.17	0.75	1
-	K7GMN1	PIG Uncharacterized protein COX7B	-2.75	-2.59	-2.19	1.53	0.16	0.20	0.38	0.86	2
-	F1RQI1	PIG Uncharacterized protein COX7A2	-1.67	-1.27	-2.2	-0.75	0.68	0.87	0.38	1.03	2
O95299	F1SIS9	PIG Uncharacterized protein NDUFA10	-1.1	-0.78	-1.65	-2.02	0.92	0.97	0.71	0.58	14
-	F1SJP6	PIG NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6 (Fragment)	-1.24	-0.74	-2.09	-1.23	0.88	0.97	0.44	0.96	7
O95168	I3LPW0	PIG Uncharacterized protein NDUFB4	-1.16	-0.9	-1.78	-1.4	0.90	0.97	0.65	0.90	7
-	Q5S3G4	PIG Cytochrome c oxidase subunit 5B, mitochondrial	-0.79	-2.51	-1.66	-0.26	1.00	0.23	0.71	1.01	9
O14949	F1RI18	PIG Uncharacterized protein UQCRQ	-2.22	-1.65	-1.22	-0.09	0.37	0.70	0.90	1.00	7
-	D0VWV4	PIG Succinate dehydrogenase cytochrome b560 subunit, mitochondrial	-2.37	-1.57	-1.55	0.35	0.31	0.75	0.76	1.01	1
-	F1RNZ1	PIG Cytochrome b-c1 complex subunit Rieske, mitochondrial	-1.57	-1.63	-1.36	-0.41	0.72	0.72	0.84	1.02	15
-	P22695	HUMAN Cytochrome b-c1 complex subunit 2, mitochondrial	-0.98	-0.66	-1.26	-1.94	0.96	0.98	0.89	0.64	2
P24539	F1SBN7	PIG Uncharacterized protein ATP5F1	-2.06	-1.71	-1.38	0.33	0.45	0.66	0.84	1.02	14
-	F1STY1	PIG NADH dehydrogenase [ubiquinone] 1 subunit C2	-1.91	-1.54	-1.31	-0.03	0.53	0.76	0.87	1.00	8
P51970	F1SLR1	PIG Uncharacterized protein NDUFA8	-0.91	-1.25	-1.3	-1.12	0.98	0.88	0.88	0.99	6
-	Q2EN81	PIG ATP synthase subunit O, mitochondrial	-1.7	-1.62	-1.22	0.1	0.66	0.72	0.90	1.00	16
-	P24964	PIG Cytochrome b	-2.51	-1.78	-1.16	1.05	0.25	0.62	0.91	1.00	4
-	Q8SPJ9	PIG Cytochrome c oxidase subunit 7A1, mitochondrial	-1.58	-1.58	-1.39	0.2	0.71	0.74	0.83	1.00	2
-	Q0QF01	PIG Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	-1.5	-1.4	-0.94	-0.51	0.76	0.82	0.96	1.03	24
-	Q95283	PIG Cytochrome c oxidase subunit 4 isoform 1, mitochondrial (Fragment)	-1.62	-1.7	-0.92	-0.05	0.70	0.67	0.96	1.00	10
P20674	F1SJ34	PIG Uncharacterized protein COX5A	0.61	-1.08	-2.39	-1.35	1.00	0.93	0.28	0.91	10
P49821	F1RVN1	PIG Uncharacterized protein NDUFV1	-1.18	-0.98	-0.73	-1.31	0.90	0.95	0.99	0.94	16
-	P50667	PIG Cytochrome c oxidase subunit 2	-0.95	-0.96	-1.74	-0.53	0.97	0.96	0.68	1.03	10
-	Q29235	PIG ATP synthase beta chain, mitochondrial (Fragment)	0.14	-0.74	-1.68	-1.88	1.01	0.97	0.70	0.68	2
-	P06576	HUMAN ATP synthase subunit beta, mitochondrial	-0.58	-1	-0.87	-1.63	1.00	0.95	0.97	0.80	1
-	P14927	HUMAN Cytochrome b-c1 complex subunit 7	-1.1	-0.94	-0.82	-1.14	0.93	0.96	0.97	0.98	6
-	Q95339	PIG ATP synthase subunit f, mitochondrial	-0.83	-0.12	-1.79	-1.26	0.99	1.00	0.65	0.95	2
-	A1XQT2	PIG Cytochrome c oxidase subunit 6C	-2.28	-1.78	-0.7	0.82	0.35	0.62	0.99	1.03	12
O75439	F1SKM0	PIG Uncharacterized protein UQCRC1	-0.59	-0.66	-0.97	-1.69	1.00	0.98	0.96	0.77	20
Q16718	F1SLY2	PIG Uncharacterized protein NDUFA5	-0.71	-0.41	-0.89	-1.74	1.00	1.00	0.96	0.75	5

Q9P0J0	F1S6Q1	PIG Uncharacterized protein NDUF13	-1.07	-0.72	-1.39	-0.54	0.94	0.97	0.83	1.03	13
-	P36542-2	HUMAN Isoform Heart of ATP synthase subunit gamma, mitochondrial	-0.43	0.93	-3.37	-0.72	1.00	0.96	0.03	1.03	1
P14854	F1RLH7	PIG Uncharacterized protein COX6B	-1.23	-1.35	-1.35	0.69	0.89	0.85	0.84	1.03	4
F1SD73	F1SD73	PIG Uncharacterized protein NDUF11	-1.11	-0.86	-0.92	-0.26	0.92	0.97	0.96	1.01	1
-	A5GZW8	PIG Succinate dehydrogenase [ubiquinone] cytochrome b small subunit	-1.53	-1.02	-0.58	0.23	0.74	0.95	1.01	1.01	2
-	Q29259	PIG NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6	-1.63	-0.95	-0.58	0.4	0.70	0.96	1.01	1.02	3
Q9NX14	F1RWV4	PIG Uncharacterized protein NDUF11	-1.05	-1.04	-1.29	0.62	0.93	0.95	0.88	1.03	6
-	P14854	HUMAN Cytochrome c oxidase subunit 6B1	-0.63	-0.26	-1.24	-0.53	1.01	1.01	0.90	1.03	1
-	O79876	PIG Cytochrome c oxidase subunit 1	-0.76	-0.85	-0.41	-0.56	1.01	0.97	1.00	1.03	1
Q9UI09	F1SQP4	PIG Uncharacterized protein (Fragment) NDUF12	-0.74	-0.71	-0.31	-0.54	1.01	0.97	1.00	1.03	11
O75306	F1S1A8	PIG Uncharacterized protein NDUF52	0.37	0	-1.17	-1.45	0.99	1.00	0.92	0.88	17
Q9Y6M9	F1RRP9	PIG Uncharacterized protein NDUF10	-0.88	-0.99	-0.01	-0.35	0.99	0.95	1.00	1.01	5
-	I3LDC3	PIG Uncharacterized protein NDUF10	0.02	0.16	-0.84	-1.49	1.00	1.00	0.97	0.87	8
P28331	F1SHD7	PIG Uncharacterized protein (Fragment) NDUF51	-0.17	-0.14	-0.77	-0.98	1.01	0.99	0.98	1.02	32
-	O00217	HUMAN NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial	-0.46	-0.05	-0.03	-1.23	1.00	1.00	1.00	0.96	4
-	F1SV23	PIG Uncharacterized protein NDUF55	0.13	-0.28	-0.84	-0.62	1.01	1.00	0.97	1.03	3
-	F1SI50	PIG Uncharacterized protein NDUF13	-0.41	-0.48	-0.45	-0.12	1.00	0.99	1.00	1.00	2
-	K7GLT8	PIG ATP synthase subunit beta	-0.72	-1.13	0.83	-0.25	1.00	0.92	0.97	1.01	2
-	I3LGM4	PIG Uncharacterized protein NDUF11	-0.43	0.08	-0.32	-0.51	1.00	1.00	1.00	1.03	2
O95178	F1SRQ0	PIG Uncharacterized protein (Fragment) NDUF12	0.1	-0.42	-0.94	0.14	1.01	1.00	0.96	1.00	1
-	Q0QEM6	PIG ATP synthase subunit beta (Fragment)	0.76	0.16	0.39	-1.93	1.01	1.00	1.01	0.65	37
O14548	F1S4V0	PIG Uncharacterized protein (Fragment) COX7A2L	-0.36	-0.21	0	-0.03	0.99	1.00	1.00	1.00	2
-	Q007T0	PIG Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial	-0.28	-0.38	-0.24	0.33	1.00	1.00	1.00	1.02	12
-	P80021	PIG ATP synthase subunit alpha, mitochondrial	-0.58	-0.73	0.89	-0.11	1.00	0.97	0.96	1.00	44
I3LRR4	I3LRR4	PIG Uncharacterized protein (Fragment) NDUF13	0.56	-0.41	-0.46	-0.11	1.00	0.99	1.01	1.00	13
-	Q69GF7	PIG Cytochrome c oxidase subunit 2	0.53	-0.42	-0.82	0.4	1.00	1.00	0.97	1.02	2
-	Q9MYT8	PIG ATP synthase subunit e, mitochondrial	-0.61	-0.94	-0.84	2.35	1.00	0.96	0.97	0.35	4
P19404	F1SM98	PIG Uncharacterized protein NDUF12	1.16	0.82	-0.2	-1.8	0.90	0.97	1.01	0.73	12
F1RRC9	F1RRC9	PIG Uncharacterized protein NDUF11	-0.87	-0.59	0.36	1.14	0.99	0.99	1.00	0.98	2
-	P36542	HUMAN ATP synthase subunit gamma, mitochondrial	-0.33	-0.46	1.42	-0.35	1.00	0.99	0.82	1.01	2
-	B2R4A2	HUMAN Cytochrome b-c1 complex subunit 7	-0.12	0.38	0.37	0.28	1.01	1.00	1.00	1.01	1
-	F8W0P7	HUMAN ATP synthase subunit beta, mitochondrial (Fragment)	1.4	0.82	0.48	-1.77	0.81	0.97	1.01	0.74	2

Q99766	F1SHX8	PIG Uncharacterized protein (Fragment) ATP5S	0.14	0.19	0.43	0.33	1.01	1.00	1.01	1.02	4
-	I3LTV6	PIG Cytochrome c oxidase subunit 6A, mitochondrial	-0	-0.34	2.05	-0.43	1.00	1.00	0.47	1.02	2
-	Q2EN79	PIG Ubiquinol-cytochrome c reductase complex	-0.69	-0.24	1.16	1.09	1.01	1.00	0.92	0.99	1
O75380	F1S031	PIG Uncharacterized protein NDUFS6	1.7	0.99	-1.33	0.01	0.66	0.95	0.86	1.00	6
-	H0YI37	HUMAN ATP synthase subunit beta, mitochondrial (Fragment)	0.28	0.97	0.64	-0.48	1.00	0.95	1.00	1.02	1
-	F1S6Q7	PIG ATP synthase subunit delta, mitochondrial	2.73	0.93	-0.44	-1.69	0.16	0.96	1.00	0.77	3
-	P25705	HUMAN ATP synthase subunit alpha, mitochondrial	1.24	-0.36	0.1	0.56	0.89	1.00	1.00	1.03	2
-	O43920	HUMAN NADH dehydrogenase [ubiquinone] iron-sulfur protein 5	0.33	0.48	0.39	0.73	1.00	0.99	1.00	1.03	1
-	F1S3W0	PIG Cytochrome b-c1 complex subunit 6	3.34	1.88	-0.13	-3.13	0.04	0.56	1.00	0.06	4
-	P13618	PIG ATP synthase-coupling factor 6, mitochondrial	1.9	0	-0.02	0.1	0.54	1.00	1.00	1.00	10
P17568	F1SCH1	PIG Uncharacterized protein (Fragment) NDUF7	1.58	0.44	0.3	1.15	0.71	0.99	1.00	0.98	3
-	Q29307	PIG ATPase inhibitor, mitochondrial	1.49	0.26	0.45	1.72	0.76	1.01	1.01	0.76	6
-	O95169	HUMAN NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8	1.17	1.86	0.85	0.09	0.90	0.57	0.97	1.01	1
-	Q94PW4	PIG ATP synthase protein 8	-0.67	1.24	2.3	1.85	1.01	0.88	0.32	0.70	2
-	F1SRG2	PIG NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6	1.86	7.68	8.14	17.9	0.56	0.00	0.00	0.00	1

Human equivalent Ac. No.	Accession No.	Protein	TCA cycle								No. peptides
			Zq				FDR				
			120	1	4	7	120	1	4	7	
-	O43837	HUMAN Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial	-1.63	-1.34	-2.36	-1.29	0.69	0.85	0.29	0.94	1
-	P00889	PIG Citrate synthase, mitochondrial	-2.33	-2.73	-1.28	-0.26	0.33	0.15	0.88	1.01	17
-	P33198	PIG Isocitrate dehydrogenase [NADP], mitochondrial (Fragment)	-1.34	-1.51	-1.4	-1.06	0.84	0.77	0.83	1.00	29
-	D0VWV4	PIG Succinate dehydrogenase cytochrome b560 subunit, mitochondrial	-2.37	-1.57	-1.55	0.35	0.31	0.75	0.76	1.01	1
-	P00346	PIG Malate dehydrogenase, mitochondrial	-1.64	-1.27	-1.33	-0.81	0.69	0.87	0.86	1.03	18
-	I3LPP1	PIG Fumarate hydratase, mitochondrial	-1.25	-1.59	-0.97	-1.12	0.88	0.74	0.96	0.98	2
-	P16276	PIG Aconitate hydratase, mitochondrial	-2.27	-2.08	-0.76	0.22	0.35	0.46	0.98	1.01	42
-	F1SEN2	PIG Glutamate dehydrogenase 1, mitochondrial	-0.81	-0.96	-1.41	-1.36	1.00	0.95	0.82	0.91	17
-	O19069	PIG Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial	-1.39	-1.44	-0.94	-0.71	0.82	0.80	0.96	1.03	11
-	Q0QF01	PIG Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	-1.5	-1.4	-0.94	-0.51	0.76	0.82	0.96	1.03	24
-	K9IVI1	PIG 2-oxoglutarate dehydrogenase, mitochondrial	-1.4	-1.47	-0.99	-0.48	0.81	0.79	0.96	1.02	46
-	F1RK10	PIG Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial	-0.76	-0.62	-1.47	-0.49	1.01	0.99	0.80	1.02	2
-	O97580	PIG Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial (Fragment)	-1.02	-1.13	-0.93	0.08	0.95	0.91	0.96	1.01	17

-	A5GZW8	PIG Succinate dehydrogenase [ubiquinone] cytochrome b small subunit	-1.53	-1.02	-0.58	0.23	0.74	0.95	1.01	1.01	2
-	Q1G1K7	PIG Mitochondrial NAD+isocitrate dehydrogenase 3 beta variant 2	-0.56	-0.77	-0.94	-0.63	1.00	0.97	0.96	1.03	18
-	P09623	PIG Dihydrolipoyl dehydrogenase, mitochondrial	-0.94	-1.06	-0.36	-0.26	0.96	0.94	1.00	1.01	17
-	F1SAF0	PIG Dihydrolipoyl dehydrogenase	0.05	0.19	-1.65	-1.21	1.00	1.00	0.71	0.96	1
P11177	F1SGH5	PIG Uncharacterized protein PDHB	-0.74	-0.1	-0.53	-1.02	1.01	1.00	1.01	1.01	17
P35232	F1RWF5	PIG Uncharacterized protein	-0.79	-0.31	-0.93	-0.2	1.00	1.01	0.96	1.01	12
-	P53590	PIG Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial (Fragment)	-0.07	0	-0.23	-1.43	1.00	1.00	1.00	0.89	19
-	P10173	PIG Fumarate hydratase, mitochondrial	-0.39	-0.5	-0.26	-0.45	1.00	1.00	1.00	1.02	26
-	F1S297	PIG Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial	-0.07	-0.28	-0.51	-0.71	1.00	1.00	1.01	1.03	11
-	H0YIC4	HUMAN Citrate synthase (Fragment)	-0.89	-0.54	-0.49	0.88	0.99	0.99	1.00	1.03	1
-	P48735	HUMAN Isocitrate dehydrogenase [NADP], mitochondrial	0.47	0.22	-0.44	-0.92	1.00	1.00	1.00	1.03	2
-	Q007T0	PIG Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial	-0.28	-0.38	-0.24	0.33	1.00	1.00	1.00	1.02	12
-	F1RKU0	PIG Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	-0.22	-0.01	0.33	-0.66	1.00	1.00	1.00	1.03	13
Q9NX18	F1RKQ9	PIG Uncharacterized protein LOC100519294	0.17	0.05	-0.69	0.28	1.01	1.00	0.99	1.01	1
-	P11177	HUMAN Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	0.32	-0.3	0.2	-0.29	1.00	1.00	1.01	1.02	1
-	P56471	PIG Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial (Fragments)	0.33	0.63	0	-0.81	1.00	0.99	1.00	1.03	3
O14950	I3LBF7	PIG Uncharacterized protein (Fragment) LOC733637	1.46	0.88	-0.54	-0.92	0.78	0.97	1.01	1.03	2
-	P42174	PIG Glutamate dehydrogenase 1, mitochondrial (Fragments)	1.35	0.41	-0.91	0.03	0.83	1.00	0.96	1.00	1
-	P11708	PIG Malate dehydrogenase, cytoplasmic	-0.57	-0.78	2.11	0.24	1.00	0.97	0.43	1.01	24
-	P29803	HUMAN Pyruvate dehydrogenase E1 component subunit alpha	0.64	2.93	-0.65	-0.22	1.00	0.10	1.00	1.00	1
-	Q9N0F1	PIG Dihydrolipoyllysine-residue succinyltransferase	0.68	0.63	2.16	-0.69	1.01	0.99	0.39	1.03	16
-	I3LDC7	PIG Isocitrate dehydrogenase [NADP] (Fragment)	0.63	1.73	0.66	-0.01	1.00	0.64	1.00	1.00	9

Supplementary Table S7. Protein expression changes in the functionally annotated categories within cluster c.

Human equivalent	Acute phase response signaling		Zq				FDR				No.
Ac. No.	Accession No.	Protein	120	1	4	7	120	1	4	7	peptides
P02675	Q8SPS7	PIG Haptoglobin	3.34	4.13	9.47	3.97	0.04	0.00	0.00	0.00	11
	F1SH92	PIG Inter-alpha-trypsin inhibitor heavy chain H4	-0.12	2.85	5.5	10.9	1.01	0.11	0.00	0.00	2
	P79263	PIG Inter-alpha-trypsin inhibitor heavy chain H4	-0.33	2.05	4.04	9.41	1.00	0.47	0.00	0.00	23
	P14477	PIG Fibrinogen beta chain (Fragment)	0.24	1.08	3.32	5.04	1.00	0.93	0.03	0.00	1
	I3LQ17	PIG Uncharacterized protein	1.23	0.42	4.23	2.57	0.89	1.00	0.00	0.24	23
	P00747	HUMAN Plasminogen	2.18	2	2.1	1.78	0.39	0.50	0.44	0.73	1
	P00450	HUMAN Ceruloplasmin	0.74	0.03	4.52	2.55	1.00	1.00	0.00	0.25	1
	P09571	PIG Serotransferrin	2.85	1.51	3.81	-0.61	0.13	0.77	0.01	1.03	28
	I3L651	PIG Uncharacterized protein	-0.75	0.09	3.13	4.68	1.01	1.00	0.05	0.00	20
	I3LQR9	PIG Fibrinogen alpha chain	-1.01	0.06	2.75	5.27	0.95	1.00	0.14	0.00	9
	F1RX36	PIG Fibrinogen alpha chain	-1.36	-0.25	2.97	5.7	0.83	1.01	0.08	0.00	4
	I3L818	PIG Uncharacterized protein (Fragment) SERPINF2	1.5	2.06	2.66	0.68	0.76	0.46	0.16	1.03	2
	P50828	PIG Hemopexin	1.73	0.15	3.78	0.56	0.64	1.00	0.01	1.03	8
P04196	K9J6H8	PIG Alpha-2-macroglobulin	0.66	0.44	3.51	0.97	1.00	0.99	0.02	1.02	1
	F1SFI5	PIG Uncharacterized protein HRG	1.84	1.54	1.62	-0.02	0.59	0.75	0.73	1.00	9
P02679	F1RX35	PIG Uncharacterized protein LOC100627396	-1.73	-0.84	2.77	4.61	0.64	0.97	0.13	0.00	15
P02748	F1SMJ6	PIG Uncharacterized protein (Fragment) C9	1.47	0.95	0.32	1.9	0.77	0.95	1.00	0.66	1
	F1STG7	PIG Uncharacterized protein (Fragment) IL1R1	0.86	0.7	4.05	-1.14	0.99	0.98	0.00	0.98	1
	P02751	HUMAN Fibronectin	2.06	1.64	-0.18	0.48	0.45	0.71	1.00	1.02	1
	P62070	HUMAN Ras-related protein R-Ras2	-0.01	1.01	0.64	2.3	1.00	0.95	1.01	0.39	1
	F1SFI7	PIG Alpha-2-HS-glycoprotein (Fragment)	2.03	0.21	1.45	0.16	0.47	1.00	0.81	1.00	1
	F1S1A9	PIG Uncharacterized protein APOA2	0.48	0.03	0.96	2.27	1.00	1.00	0.96	0.41	1
	P14460	PIG Fibrinogen alpha chain (Fragment)	-1.11	-1.03	2.32	3.43	0.92	0.95	0.31	0.02	2
	H9LBP0	PIG Serpin peptidase inhibitor clade D member 1 (Fragment)	2.35	1.11	-0.07	0.05	0.32	0.92	1.00	1.00	2
	Q19AZ8	PIG Prothrombin	0.55	0.14	1.09	1.45	1.00	0.99	0.93	0.88	3

	AOPFK5	PIG Capping protein (Actin filament) muscle Z-line, alpha 1	0.53	0.51	0.91	1.11	1.00	1.00	0.96	0.99	4
	O02668	PIG Inter-alpha-trypsin inhibitor heavy chain H2	0.81	0.56	1.24	0.37	0.99	0.99	0.89	1.01	12
Q02750	I3L5D4	PIG Uncharacterized protein MAP2K2	0.25	0.76	0.93	0.93	1.00	0.97	0.96	1.02	2
	Q0PM28	PIG Pigment epithelium-derived factor	0.73	1.27	0.19	0.17	1.00	0.87	1.01	1.00	4
	P28768	PIG Superoxide dismutase [Mn], mitochondrial (Fragment)	0.21	-0.35	1.62	0.55	1.00	1.00	0.74	1.02	8
	F1SH94	PIG Uncharacterized protein ITIH3	0.68	-0.35	0.69	0.94	1.01	1.00	0.99	1.02	3
P61978	I3LQS0	PIG Uncharacterized protein HNRNPK	0.73	1	1.11	-0.92	1.00	0.95	0.93	1.03	9
	Q2MJK3	PIG GTPase NRas	0.61	1.16	0.54	-0.5	1.00	0.91	1.01	1.03	1
P02749	I3LGN5	PIG Uncharacterized protein (Fragment)	-0.56	-0.02	1.27	0.96	1.00	1.00	0.88	1.03	1
	I3LIZ1	PIG Uncharacterized protein (Fragment) MAPK12	0.73	0.42	0.42	0.03	1.01	1.00	1.00	1.00	1
	F1SA28	PIG Uncharacterized protein ECSIT	0.14	0.94	0.51	-0.06	1.01	0.96	1.00	1.00	1
	P50447	PIG Alpha-1-antitrypsin	0.79	0.1	1.94	-1.4	1.00	1.00	0.54	0.91	6
P01116-2	I3LCQ9	PIG Uncharacterized protein KRAS	-0.01	-0.03	0.37	1	1.00	1.00	1.00	1.02	1
P05546	F1RKY2	PIG Uncharacterized protein SERPIND1	0.32	-0.45	0.41	0.71	1.00	0.99	1.00	1.03	5
P10301	F1RHW4	PIG Uncharacterized protein RRAS	0.24	0.74	0.44	-0.46	1.00	0.97	1.00	1.02	6
	P61978	HUMAN Heterogeneous nuclear ribonucleoprotein K	0.31	0.61	0.09	-0.17	1.00	0.99	1.00	1.00	2
	H0YA55	HUMAN Serum albumin (Fragment)	0.61	-0.26	1.29	-0.81	1.00	1.01	0.88	1.03	1
	P04179	HUMAN Superoxide dismutase [Mn], mitochondrial	0.26	-0.63	0.8	0.29	1.00	0.99	0.98	1.01	1
	P06867	PIG Plasminogen	-1.06	-2.01	1.62	2.11	0.94	0.49	0.74	0.52	7
	P02768	HUMAN Serum albumin	0.65	-1.15	3.52	-2.54	1.01	0.91	0.02	0.25	1
	M3V839	PIG Mitogen-activated protein kinase 3	1.01	0.13	-0.71	0.05	0.95	0.99	0.99	1.00	1
	P05231	HUMAN Interleukin-6	-0.95	-1.14	0.31	2.15	0.97	0.91	1.00	0.49	1
P30519	F1RK58	PIG Uncharacterized protein HMOX2	0.48	0	-0.5	0.21	1.00	1.00	1.00	1.00	3
P45985	F1SS51	PIG Uncharacterized protein (Fragment) MAP2K4	-0.1	-1.73	2.16	-0.26	1.01	0.65	0.39	1.01	1
	P50390	PIG Transthyretin	1.11	-1.6	1.82	-1.32	0.92	0.73	0.63	0.93	4
	P01025	PIG Complement C3	-0.16	-2.19	1.43	0.92	1.01	0.39	0.82	1.02	48
	P08835	PIG Serum albumin	0.2	-1.49	3.17	-1.9	1.00	0.78	0.05	0.66	24
	Q9N1U3	PIG Glucocorticoid receptor	-0.43	-0.27	-0.88	1.2	1.00	1.00	0.97	0.97	1
	M4QER0	PIG Glucocorticoid receptor variant gamma	-0.03	-0.62	-0.54	0.79	1.00	0.99	1.01	1.03	1
P02549	F1RR78	PIG Uncharacterized protein LOC100049693	-0.65	-0.51	-0.49	1.02	1.00	1.00	1.00	1.01	149
	P62993	HUMAN Growth factor receptor-bound protein 2	-0.01	-0.01	-0.29	-0.56	1.00	1.00	1.00	1.03	3
	P29700	PIG Alpha-2-HS-glycoprotein (Fragment)	0.38	-1.04	-0.08	-0.36	0.99	0.95	1.00	1.01	2

	A9QT41	PIG Inhibitor of kappa light polypeptide gene enhancer in B-cells kinase gamma	-0.43	-0.06	-0.84	-0.15	1.00	1.00	0.97	1.00	1
	P02675	HUMAN Fibrinogen beta chain	0.5	-0.68	-0.56	-1.15	1.00	0.98	1.01	0.98	1
	I3LTB8	PIG Uncharacterized protein	-1.55	-2.38	0.46	1	0.73	0.30	1.01	1.02	1
	G9BWQ1	PIG V-akt murine thymoma viral oncogene-like 1	0.1	-1.01	-1.43	-0.32	1.00	0.95	0.82	1.02	2
	A0PFK4	PIG F-actin capping protein subunit beta 2	-1.38	-0.72	0.13	-0.96	0.82	0.97	1.00	1.03	1
	P00451	HUMAN Coagulation factor VIII	-1.62	-1.1	-0.96	0.72	0.70	0.92	0.96	1.03	1
	F1RUN2	PIG Serum albumin	-0.44	-1.3	0.31	-1.63	1.00	0.86	1.00	0.80	1
	F1SB81	PIG Plasminogen	-1.17	-2.07	-1.13	1.02	0.90	0.46	0.92	1.01	1
P02751	F1SS24	PIG Uncharacterized protein FN1	-0.5	-1.59	-1.05	-0.23	1.00	0.73	0.94	1.01	26
	H0YCB4	HUMAN Transcription factor p65 (Fragment)	-0.76	-0.74	-1.14	-1.09	1.01	0.97	0.92	0.99	1
Q9NPH3-5	I3LR80	PIG Uncharacterized protein IL1RAP	-0.7	-0.78	-1.26	-1.02	1.00	0.97	0.89	1.01	1
	I3LVK2	PIG Uncharacterized protein (Fragment) MAPK3	-0.62	-1.08	-1.24	-1.54	1.00	0.93	0.90	0.85	1
	P18648	PIG Apolipoprotein A-I	0.79	-2.36	-1.05	-2.44	1.00	0.31	0.94	0.29	25
Human equivalent			Adhesion of blood cells								
Ac. No.	Accession No.	Protein	Zq				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	I3LQ17	PIG Uncharacterized protein	1.23	0.42	4.23	2.57	0.89	1.00	0.00	0.24	23
-	I3LQR9	PIG Fibrinogen alpha chain	-1.01	0.06	2.75	5.27	0.95	1.00	0.14	0.00	9
-	F1RX36	PIG Fibrinogen alpha chain	-1.36	-0.25	2.97	5.7	0.83	1.01	0.08	0.00	4
-	K7GR72	PIG Uncharacterized protein SLC4A1	1.17	1.96	2.65	1.01	0.90	0.52	0.17	1.01	4
-	P06702	HUMAN Protein S100-A9	0.67	-0.38	0.52	5.49	1.01	1.00	1.01	0.00	1
-	K9J6H8	PIG Alpha-2-macroglobulin	0.66	0.44	3.51	0.97	1.00	0.99	0.02	1.02	1
-	I3LR17	PIG Uncharacterized protein COR1A	1.29	1.82	0.95	1.45	0.86	0.59	0.96	0.88	1
-	Q95242	PIG Platelet endothelial cell adhesion molecule	0.98	1.66	1	0.8	0.96	0.70	0.96	1.03	5
-	P56199	HUMAN Integrin alpha-1	0.67	0.07	1.43	2.18	1.01	1.00	0.82	0.47	1
-	Q06AU2	PIG Ras-related protein Rap-2a	1.45	1.99	1.12	-0.3	0.79	0.50	0.92	1.01	1
-	P27917	PIG Apolipoprotein C-III	0.5	0.09	3.04	0.58	1.00	1.00	0.07	1.02	4
-	P02751	HUMAN Fibronectin	2.06	1.64	-0.18	0.48	0.45	0.71	1.00	1.02	1
-	P14460	PIG Fibrinogen alpha chain (Fragment)	-1.11	-1.03	2.32	3.43	0.92	0.95	0.31	0.02	2
-	A7WLI1	PIG CD81	0.47	1.08	0.33	1.73	1.00	0.93	1.00	0.75	1
-	P20701	HUMAN Integrin alpha-L	0.49	0.5	1.12	1.37	1.00	1.00	0.92	0.91	1

P15311	F1SB42	PIG Uncharacterized protein (Fragment) EZR	-0.04	0.27	1.18	1.87	1.00	1.01	0.91	0.68	11
-	Q19AZ8	PIG Prothrombin	0.55	0.14	1.09	1.45	1.00	0.99	0.93	0.88	3
-	Q13464	HUMAN Rho-associated protein kinase 1	0.61	0.35	2.55	-0.43	1.00	1.00	0.20	1.02	1
-	P18650	PIG Apolipoprotein E	0.62	0.06	1.31	1.02	1.00	1.00	0.87	1.01	4
-	Q9GKE8	PIG Leukocyte surface antigen CD47	1.49	0.45	0.32	0.69	0.76	0.99	1.00	1.03	1
-	P19619	PIG Annexin A1	0.66	0.64	0.58	1.05	1.01	0.98	1.01	1.00	10
-	Q9BDY7	PIG Angiopoietin-2	0.98	0.93	1.1	-0.15	0.96	0.96	0.93	1.00	1
-	F1RTN3	PIG Moesin	0.01	0.68	0.62	1.23	1.00	0.98	1.01	0.96	1
-	Q29030	PIG Kit ligand	-0.32	-0.2	1.7	1.31	1.00	1.00	0.69	0.93	1
-	Q3HUX1	PIG Fatty acid translocase/CD36	-0.62	0.26	1.29	1.51	1.00	1.01	0.88	0.87	9
-	Q9GLP0	PIG Integrin beta-1	0.72	1.14	0.1	0.45	1.00	0.91	1.00	1.02	8
-	A2SW51	PIG Monocyte differentiation antigen CD14	0.93	0.85	0.49	-0.09	0.97	0.97	1.00	1.00	1
-	K7GS51	PIG Uncharacterized protein (Fragment) ITGA1	0.87	0.57	0.42	0.3	0.99	0.99	1.00	1.01	2
-	P30533	HUMAN Alpha-2-macroglobulin receptor-associated protein	0.78	-0.85	1.36	0.7	1.00	0.97	0.84	1.03	1
-	B2ZI35	PIG F11 receptor	-0.1	0.3	1.2	0.58	1.01	1.00	0.90	1.03	1
-	P14632	PIG Lactotransferrin	0.71	0.86	-0.05	0.19	1.00	0.97	1.00	1.01	2
P02749	I3LGN5	PIG Uncharacterized protein (Fragment)	-0.56	-0.02	1.27	0.96	1.00	1.00	0.88	1.03	1
-	Q4A3R3	PIG Deleted in malignant brain tumors 1 protein	-1.06	0.22	1.49	0.96	0.94	1.00	0.79	1.03	1
-	P26042	PIG Moesin	-0.41	-0.03	0.46	1.53	1.00	1.00	1.01	0.86	34
Q96S97	F1RNK3	PIG Uncharacterized protein LOC100519316	0.02	0.9	-0.27	0.37	1.00	0.97	1.00	1.01	3
-	J3KP07	HUMAN Growth arrest-specific protein 6	-0.95	-0.26	1.28	0.76	0.97	1.01	0.88	1.03	1
-	P11215	HUMAN Integrin alpha-M	-0.18	-0.41	0.5	0.9	1.01	0.99	1.00	1.03	1
-	K7ZJP7	PIG IgM heavy chain constant region (Fragment)	0.05	-1.07	2.56	-0.74	1.00	0.94	0.20	1.03	6
-	P05231	HUMAN Interleukin-6	-0.95	-1.14	0.31	2.15	0.97	0.91	1.00	0.49	1
-	P01025	PIG Complement C3	-0.16	-2.19	1.43	0.92	1.01	0.39	0.82	1.02	48
-	F1S0A2	PIG Peptidyl-prolyl cis-trans isomerase	0.02	0.11	-0.33	0.2	1.00	1.00	1.00	1.00	1
-	P16284	HUMAN Platelet endothelial cell adhesion molecule	0.75	-0.71	0.04	-0.16	1.01	0.97	1.00	1.00	1
-	F1RYZ1	PIG Uncharacterized protein CD151	-0.95	-0.24	0.73	0.31	0.96	1.00	0.99	1.02	3
-	Q14746	HUMAN Telomerase reverse transcriptase	-0.14	-0.54	0.97	-0.47	1.01	0.99	0.96	1.02	1
-	Q7L5Y9	HUMAN Macrophage erythroblast attacher	0.7	0.82	-1.33	-0.39	1.00	0.97	0.85	1.01	1
-	F1S1G8	PIG Amine oxidase	-0.01	-0.07	0.21	-0.47	1.00	1.00	1.00	1.02	9
-	P15311	HUMAN Ezrin	-0.4	-1.15	-0.09	1.1	1.00	0.91	1.00	1.00	5

P23284	I3LUC8	PIG Uncharacterized protein LOC100154783	-0.56	-0.42	-0.19	0.57	1.00	1.00	1.01	1.03	8
P02549	F1RR78	PIG Uncharacterized protein LOC100049693	-0.65	-0.51	-0.49	1.02	1.00	1.00	1.00	1.01	149
P63000	I3LFI0	PIG Uncharacterized protein (Fragment) RAC1	-0.68	-0.52	-0.07	0.58	1.01	1.00	1.00	1.03	2
-	P43121	HUMAN Cell surface glycoprotein MUC18	-1.08	0.22	-0.54	0.64	0.93	1.00	1.01	1.03	1
-	F1S2E3	PIG Peptidyl-prolyl cis-trans isomerase	-0.69	-0.39	-0.05	0.35	1.01	1.00	1.00	1.01	8
-	K9IVW2	PIG Integrin alpha-X	-0.77	-0.61	0.15	0.29	1.00	0.99	1.00	1.01	1
-	P14287	PIG Osteopontin	3.33	-0.25	0.01	-4.24	0.04	1.00	1.00	0.00	1
-	F1S0J0	PIG Uncharacterized protein CD55	0	-0.3	-1.02	-0.33	1.00	1.00	0.95	1.02	1
Q12846	F1RIR2	PIG Uncharacterized protein STX4	-0.84	-0.62	0.17	-0.59	0.99	0.99	1.00	1.03	1
-	P82460	PIG Thioredoxin	0.16	-0.68	-0.19	-1.46	1.01	0.98	1.01	0.88	3
-	O15230	HUMAN Laminin subunit alpha-5	-1.31	-1.1	0.25	-0.19	0.85	0.93	1.00	1.01	5
-	I3LTB8	PIG Uncharacterized protein	-1.55	-2.38	0.46	1	0.73	0.30	1.01	1.02	1
-	K9J4V8	PIG ICOS ligand	-1.49	-0.71	-0.45	0.02	0.76	0.97	1.01	1.00	1
Q8NCN5	F1S430	PIG Uncharacterized protein (Fragment) LOC100525578	-0.2	-0.22	-1.33	-1.2	1.00	1.00	0.86	0.97	3
-	P08514	HUMAN Integrin alpha-IIb	-1.17	-0.66	-1.4	0.28	0.90	0.98	0.83	1.01	1
P02751	F1SS24	PIG Uncharacterized protein FN1	-0.5	-1.59	-1.05	-0.23	1.00	0.73	0.94	1.01	26
-	H0YCB4	HUMAN Transcription factor p65 (Fragment)	-0.76	-0.74	-1.14	-1.09	1.01	0.97	0.92	0.99	1
P21980	F1SDX6	PIG Uncharacterized protein TGM2	-1.37	-1.62	-1.15	-0.06	0.83	0.72	0.92	1.01	25
-	O46409	PIG Apolipoprotein A-IV	1.82	-0.79	-3.83	-1.77	0.59	0.97	0.01	0.73	6
-	P52552	PIG Peroxiredoxin-2 (Fragment)	0.39	-0.61	-0.77	-3.8	1.00	0.99	0.98	0.01	7
-	Q9GLP2	PIG Vitamin K-dependent protein C	-1.77	-3.09	-3.38	-2.07	0.62	0.07	0.03	0.55	1

Human equivalent	Response to wounding									No. peptides	
Ac. No.	Accession No.	Protein	Zq				FDR				
			120	1	4	7	120	1	4		7
-	P14477	PIG Fibrinogen beta chain (Fragment)	0.24	1.08	3.32	5.04	1.00	0.93	0.03	0.00	1
-	P00747	HUMAN Plasminogen	2.18	2	2.1	1.78	0.39	0.50	0.44	0.73	1
P02675	I3L651	PIG Uncharacterized protein	-0.75	0.09	3.13	4.68	1.01	1.00	0.05	0.00	20
-	I3LQR9	PIG Fibrinogen alpha chain	-1.01	0.06	2.75	5.27	0.95	1.00	0.14	0.00	9
-	F1RX36	PIG Fibrinogen alpha chain	-1.36	-0.25	2.97	5.7	0.83	1.01	0.08	0.00	4
-	Q1KYT0	PIG Beta-enolase	0.49	0.72	3.12	0.16	1.00	0.97	0.06	1.00	32
-	P02751	HUMAN Fibronectin	2.06	1.64	-0.18	0.48	0.45	0.71	1.00	1.02	1

-	P14460	PIG Fibrinogen alpha chain (Fragment)	-1.11	-1.03	2.32	3.43	0.92	0.95	0.31	0.02	2
Q9UBX5	F1SD87	PIG Uncharacterized protein (Fragment) FBLN5	0.71	0.68	0.87	1.2	1.00	0.98	0.97	0.97	4
-	P37176	PIG Endoglin	1.25	1.99	0.88	-0.77	0.88	0.50	0.97	1.03	2
-	Q19AZ8	PIG Prothrombin	0.55	0.14	1.09	1.45	1.00	0.99	0.93	0.88	3
-	Q9GLP1	PIG Coagulation factor V	0.74	0.56	0.61	0.54	1.01	0.99	1.01	1.03	1
Q14344	F1RV20	PIG Uncharacterized protein GNA13	0.61	0.84	-0.65	-0.12	1.00	0.97	1.00	1.00	1
-	P06867	PIG Plasminogen	-1.06	-2.01	1.62	2.11	0.94	0.49	0.74	0.52	7
Q13310	F1RPL9	PIG Uncharacterized protein LOC100525442	0.62	0.58	-0.51	-0.12	1.00	0.99	1.00	1.00	1
-	I3L8C1	PIG Uncharacterized protein ELK3	1.87	-0.26	-0.92	-0.22	0.56	1.01	0.96	1.01	1
-	Q8MJ14	PIG Glutathione peroxidase 1	-0.03	0.22	-0.26	0.31	1.00	1.00	1.00	1.02	4
P0CB38	F1SV06	PIG Uncharacterized protein PABPC4	-0.21	0.17	0.17	0.06	1.00	1.00	1.00	1.01	12
-	P16293	PIG Coagulation factor IX (Fragment)	0.64	0.34	-0.03	-0.76	1.00	1.00	1.00	1.03	2
O75923	F1SLE7	PIG Uncharacterized protein LOC100522732	0.95	0.88	-0.89	-1.29	0.97	0.97	0.97	0.94	9
-	P20305	PIG Gelsolin (Fragment)	-0.16	-0.77	0.34	-0.21	1.01	0.97	1.00	1.00	19
-	P02675	HUMAN Fibrinogen beta chain	0.5	-0.68	-0.56	-1.15	1.00	0.98	1.01	0.98	1
-	P00451	HUMAN Coagulation factor VIII	-1.62	-1.1	-0.96	0.72	0.70	0.92	0.96	1.03	1
-	Q700R3	PIG Peroxisome proliferative activated receptor delta (Fragment)	-0.83	-0.57	-0.99	-0.59	0.99	0.99	0.96	1.03	1
-	F1SB81	PIG Plasminogen	-1.17	-2.07	-1.13	1.02	0.90	0.46	0.92	1.01	1
P02751	F1SS24	PIG Uncharacterized protein FN1	-0.5	-1.59	-1.05	-0.23	1.00	0.73	0.94	1.01	26
-	K7GQL2	PIG Coagulation factor XIII, A1 polypeptide	-0.11	-0.47	-1.36	-2.81	1.01	0.99	0.84	0.14	1
-	Q9GLP2	PIG Vitamin K-dependent protein C	-1.77	-3.09	-3.38	-2.07	0.62	0.07	0.03	0.55	1

Supplementary Table S8. Protein expression changes in the functionally annotated categories within cluster d.

Human equivalent		Renal toxicity biomarker panel									
Ac. No.	Accession No.	Protein	Zq				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	Q06AA3	PIG Regucalcin	3.5	4.2	2.69	-1.06	0.03	0.00	0.15	1.00	1
-	I3LQR9	PIG Fibrinogen alpha chain	-1.01	0.06	2.75	5.27	0.95	1.00	0.14	0.00	9
-	F1RX36	PIG Fibrinogen alpha chain	-1.36	-0.25	2.97	5.7	0.83	1.01	0.08	0.00	4
-	P80031	PIG Glutathione S-transferase P	1.3	2.52	0.92	-0.91	0.85	0.23	0.96	1.03	6
-	P14460	PIG Fibrinogen alpha chain (Fragment)	-1.11	-1.03	2.32	3.43	0.92	0.95	0.31	0.02	2
-	Q5S1U1	PIG Heat shock protein beta-1	-0.04	0.9	1.39	0.75	1.00	0.97	0.83	1.03	15
-	O02705	PIG Heat shock protein HSP 90-alpha	-1.06	-0.09	0.37	1.28	0.94	1.00	1.00	0.94	40
-	F1SKD6	PIG Uncharacterized protein SLC16A7	-0.8	-0.71	-0.71	1.44	1.00	0.97	0.99	0.88	2
-	P14287	PIG Osteopontin	3.33	-0.25	0.01	-4.24	0.04	1.00	1.00	0.00	1

Human equivalent		Acute renal failure panel									
Ac. No.	Accession No.	Protein	Zq				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	P14477	PIG Fibrinogen beta chain (Fragment)	0.24	1.08	3.32	5.04	1.00	0.93	0.03	0.00	1
P02452	I3LJX2	PIG Uncharacterized protein	2.3	2.53	1.24	2.27	0.34	0.22	0.90	0.41	2
-	I3LQ17	PIG Uncharacterized protein	1.23	0.42	4.23	2.57	0.89	1.00	0.00	0.24	23
P02675	I3L651	PIG Uncharacterized protein	-0.75	0.09	3.13	4.68	1.01	1.00	0.05	0.00	20
P02452	I3LUM2	PIG Uncharacterized protein	1.82	2.35	1.88	1.74	0.59	0.31	0.58	0.75	4
Q01995	F1SJS8	PIG Uncharacterized protein TAGLN	-0.6	0.87	4.5	1.93	1.00	0.97	0.00	0.64	14
-	K9J6H8	PIG Alpha-2-macroglobulin	0.66	0.44	3.51	0.97	1.00	0.99	0.02	1.02	1
-	P00339	PIG L-lactate dehydrogenase A chain	0.68	0.47	2.73	1.89	1.01	0.99	0.15	0.67	14
-	P02461	HUMAN Collagen alpha-1(III) chain	0.42	1.75	0.47	1.27	1.00	0.63	1.01	0.95	2
P02461	F1RYI8	PIG Uncharacterized protein COL3A1	0.7	0.8	0.67	1.6	1.00	0.97	1.00	0.82	2
-	P02452	HUMAN Collagen alpha-1(I) chain	0.41	1.82	-0.15	1.27	1.00	0.60	1.00	0.95	1
-	P19619	PIG Annexin A1	0.66	0.64	0.58	1.05	1.01	0.98	1.01	1.00	10

-	A2SW51	PIG Monocyte differentiation antigen CD14	0.93	0.85	0.49	-0.09	0.97	0.97	1.00	1.00	1
-	Q6PQZ1	PIG Aquaporin-1	0.6	1.36	0.34	1.16	1.00	0.84	1.00	0.98	2
-	P05231	HUMAN Interleukin-6	-0.95	-1.14	0.31	2.15	0.97	0.91	1.00	0.49	1
P07305	I3LNZ2	PIG Uncharacterized protein LOC100510904	-0.56	0.64	1.56	1.76	1.00	0.98	0.76	0.75	5
-	Q99988	HUMAN Growth/differentiation factor 15	1.15	1.2	0.25	-0.4	0.90	0.90	1.00	1.02	1
-	F1S7W0	PIG Uncharacterized protein (Fragment) AKAP12	1.29	1.08	-0.16	-0.2	0.86	0.93	1.00	1.01	3
-	P19620	PIG Annexin A2	0.08	0.35	0.55	0.52	1.00	1.00	1.00	1.03	24
-	B1PK17	PIG Aspartoacylase	0.53	-0.47	-0.19	0.59	1.00	0.99	1.01	1.03	1
-	F1SKD6	PIG Uncharacterized protein SLC16A7	-0.8	-0.71	-0.71	1.44	1.00	0.97	0.99	0.88	2
-	Q2VTP6	PIG Peptidyl-prolyl cis-trans isomerase	-0.14	-0.47	-0.25	0.06	1.01	0.99	1.00	1.00	2
-	P07437	HUMAN Tubulin beta chain	0.99	0.44	-1.16	-1.27	0.96	0.99	0.92	0.95	4
-	P02675	HUMAN Fibrinogen beta chain	0.5	-0.68	-0.56	-1.15	1.00	0.98	1.01	0.98	1
P55042	I3L820	PIG Uncharacterized protein (Fragment) RRAD	-2.3	-0.1	-1.01	-1.24	0.34	1.00	0.96	0.96	2

Human equivalent		Chromatin organization									
Accession			Zq				FDR				No.
Ac. No.	No.	Protein	120	1	4	7	120	1	4	7	peptides
-	P06348	PIG Histone H1t	-0.86	-0.01	1.31	3.09	0.99	1.00	0.87	0.07	4
-	P12682	PIG High mobility group protein B1	-0.73	0.08	0.21	1.01	1.00	1.00	1.00	1.01	6
-	P17741	PIG High mobility group protein B2	0.29	0.89	1.35	0.8	1.00	0.97	0.84	1.03	4
-	P80272	PIG Non-histone chromosomal protein HMG-17	-0.35	-0.84	-0.75	5.93	1.00	0.97	0.99	0.00	4
-	Q8IU66	HUMAN Histone H2A type 2-B	-0.13	0.09	0.74	0.02	1.01	1.00	0.99	1.00	1
-	Q9H2F5	HUMAN Enhancer of polycomb homolog 1	-1.44	-1.87	-1.47	0.58	0.79	0.57	0.80	1.02	1
-	Q9UQL6	HUMAN Histone deacetylase 5	0.09	-0.33	-0.46	-0.92	1.01	1.01	1.01	1.03	1
P09429	A7E1T5	PIG Putative uncharacterized protein (Fragment)	0.91	0.86	0.27	1.15	0.98	0.97	1.00	0.98	1
-	B6CVL5	PIG High mobility group AT-hook 1 transcript variant 2	0.74	1.32	2.29	4.78	1.00	0.86	0.32	0.00	1
P23284	I3LUC8	PIG Uncharacterized protein LOC100154783	-0.56	-0.42	-0.19	0.57	1.00	1.00	1.01	1.03	8
-	F1S0Z4	PIG Histone H2A (Fragment)	-1.32	-0.8	-0.08	0.65	0.84	0.97	1.00	1.03	2
-	P36968	PIG Phospholipid hydroperoxide glutathione peroxidase, mitochondrial	-1.31	0.47	-1.54	0.76	0.85	0.99	0.77	1.03	4
Q8TDV2	F1SPG1	PIG Uncharacterized protein H1FX	0.01	-0.39	0.89	1.5	1.00	1.00	0.96	0.87	6
P16401	I3L6Q5	PIG Uncharacterized protein HIST1H1B	0.19	0.75	2.31	3.78	1.01	0.97	0.32	0.01	4
-	I3L7T6	PIG Histone H2A	-0.62	-0.08	-0.78	1.85	1.00	1.00	0.98	0.69	1

-	I3LAQ1	PIG Histone H2B	-2.19	-0.48	0.76	0.27	0.39	0.99	0.98	1.01	2
-	I3LQZ2	PIG Histone H2A (Fragment)	-1.44	-0.82	-1.41	0.59	0.79	0.97	0.83	1.03	2
-	Q4TTS4	PIG Histone H1.2-like protein	-0.98	-0.95	-0.34	0.95	0.96	0.96	1.00	1.03	4

Human equivalent			Flux of Ca ²⁺								
Ac. No.	Accession No.	Protein	Zq				FDR				No. peptides
			120	1	4	7	120	1	4	7	
P98161	F1RFB1	PIG Uncharacterized protein PKD1	1.06	1.76	1.89	0.81	0.94	0.63	0.58	1.03	2
-	Q95242	PIG Platelet endothelial cell adhesion molecule	0.98	1.66	1	0.8	0.96	0.70	0.96	1.03	5
-	Q19AZ8	PIG Prothrombin	0.55	0.14	1.09	1.45	1.00	0.99	0.93	0.88	3
-	P19619	PIG Annexin A1	0.66	0.64	0.58	1.05	1.01	0.98	1.01	1.00	10
-	P62936	PIG Peptidyl-prolyl cis-trans isomerase A	-0.13	0.77	0.61	0.2	1.01	0.97	1.01	1.01	12
-	D2KMN4	PIG Glial cell-line derived neurotrophic factor (Fragment)	-0.89	-0.26	0.52	1.22	0.98	1.01	1.01	0.96	1
-	P01025	PIG Complement C3	-0.16	-2.19	1.43	0.92	1.01	0.39	0.82	1.02	48
-	F1S0A2	PIG Peptidyl-prolyl cis-trans isomerase	0.02	0.11	-0.33	0.2	1.00	1.00	1.00	1.00	1
-	P16284	HUMAN Platelet endothelial cell adhesion molecule	0.75	-0.71	0.04	-0.16	1.01	0.97	1.00	1.00	1
-	M3TYK5	PIG ATPase, Ca ⁺⁺ transporting, plasma membrane 4 tv2	0.08	-0.21	-0.13	-0.2	1.00	1.00	1.00	1.01	3
P23284	I3LUC8	PIG Uncharacterized protein LOC100154783	-0.56	-0.42	-0.19	0.57	1.00	1.00	1.01	1.03	8
P02549	F1RR78	PIG Uncharacterized protein LOC100049693	-0.65	-0.51	-0.49	1.02	1.00	1.00	1.00	1.01	149
Q9UNN5	K7GLR2	PIG Uncharacterized protein (Fragment) FAF1	-0.88	-1	-0.27	1.48	0.99	0.95	1.00	0.88	1
-	F1S2E3	PIG Peptidyl-prolyl cis-trans isomerase	-0.69	-0.39	-0.05	0.35	1.01	1.00	1.00	1.01	8
-	Q92736	HUMAN Ryanodine receptor 2	-0.62	-0.68	-0.45	0.42	1.00	0.98	1.01	1.02	5
-	I3L9F1	PIG Uncharacterized protein (Fragment) BSG	-0.39	-0.06	-0.47	-0.5	0.99	1.00	1.01	1.03	7
-	Q6RVA9	PIG Caveolin-1	-1.46	-0.38	-0.73	1.09	0.77	1.00	0.99	0.99	8
-	P18509	HUMAN Pituitary adenylate cyclase-activating polypeptide	-0.75	-0.73	-0.54	-0.26	1.00	0.97	1.01	1.01	1
-	I3LTB8	PIG Uncharacterized protein	-1.55	-2.38	0.46	1	0.73	0.30	1.01	1.02	1
	O75185	HUMAN Calcium-transporting ATPase type 2C member 2	-1.33	-1	-0.92	-0.37	0.84	0.95	0.96	1.01	1

Human equivalent			Ribosome								
Ac. No.	Accession No.	Protein	Zq				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	F1SUM7	PIG 40S ribosomal protein S3 (Fragment)	0.65	1.19	1.32	1.5	1.01	0.90	0.86	0.87	7

-	P62750	HUMAN 60S ribosomal protein L23a	0.51	0.84	0.84	2.26	1.00	0.97	0.97	0.41	4
-	F2Z5F5	PIG 40S ribosomal protein S8 (Fragment)	-0.03	0.99	1.51	1.86	1.00	0.95	0.79	0.69	5
-	F1SML8	PIG 40S ribosomal protein S6	1.48	0.73	2.57	-0.68	0.77	0.97	0.20	1.03	1
-	Q95281	PIG 60S ribosomal protein L29	0.17	0.42	1.02	2.26	1.01	1.00	0.95	0.41	4
P46783	F1RZ28	PIG Uncharacterized protein RPS10	0.39	0.84	1.27	1.35	1.00	0.97	0.88	0.91	7
P62899	F1SRB7	PIG Uncharacterized protein (Fragment) LOC100624537	0.45	0.89	1.23	0.86	1.00	0.97	0.90	1.03	1
-	Q29198	PIG Ribosomal protein S6 (Fragment)	0.75	0.7	0.49	1.39	1.01	0.97	1.00	0.91	3
-	P62857	HUMAN 40S ribosomal protein S28	0.57	0.64	0.82	0.95	1.00	0.98	0.97	1.02	1
P18621	I3LT81	PIG Uncharacterized protein RPL17	-0.37	0.63	1.09	1.6	1.00	0.99	0.93	0.82	7
P83881	I3LHT5	PIG Uncharacterized protein	-0.23	0.06	1.41	1.68	1.00	1.00	0.82	0.78	1
-	P32969	HUMAN 60S ribosomal protein L9	0.36	0.65	0.9	0.57	0.99	0.98	0.96	1.03	5
-	P67985	PIG 60S ribosomal protein L22	0.03	0.53	0.91	1	1.00	1.00	0.96	1.02	3
-	P49666	PIG 60S ribosomal protein L21 (Fragment)	-0.28	0.66	1.71	0.34	1.00	0.98	0.69	1.01	3
-	Q29223	PIG 60S ribosomal protein L34	1.23	0.01	0.44	0.69	0.89	1.00	1.00	1.03	2
-	P62280	HUMAN 40S ribosomal protein S11	-0.5	0.47	1.11	1.06	1.00	0.99	0.92	1.00	6
-	F1RYZ0	PIG 60S acidic ribosomal protein P2	2.08	1.6	0.03	-1.68	0.44	0.73	1.00	0.78	2
-	Q29375	PIG 60S ribosomal protein L7a (Fragment)	-0.68	0.16	0.77	1.74	1.01	1.00	0.98	0.75	3
-	Q29315	PIG 60S acidic ribosomal protein P2	2.3	1.14	-0.1	-1.48	0.34	0.91	1.00	0.88	3
P62899	F1SH66	PIG Uncharacterized protein LOC100625352	-0.06	-0.07	1.02	0.95	1.00	1.00	0.95	1.03	1
-	I3LSD3	PIG 60S ribosomal protein L13	-0.36	0.22	0.07	1.88	0.99	1.00	1.00	0.68	9
-	I3L6F1	PIG 60S ribosomal protein L18	-0.64	1.31	0.01	1.13	1.00	0.86	1.00	0.98	1
-	B6V8C8	PIG 40S ribosomal protein S3a	0.07	0.19	0.61	0.78	1.00	1.00	1.01	1.03	9
-	F2Z514	PIG 40S ribosomal protein S27 (Fragment)	0.4	0.1	0.12	1.01	1.00	1.00	1.00	1.01	1
P83731	F2Z5Q2	PIG Uncharacterized protein (Fragment) RPL24	-0.39	0.62	0.22	1.18	1.00	0.99	1.00	0.98	4
-	Q29308	PIG 40S ribosomal protein S19 (Fragment)	-0.21	0.65	0.47	0.57	1.00	0.98	1.00	1.03	8
-	P23396	HUMAN 40S ribosomal protein S3	0.51	0.64	-0.03	0.31	1.00	0.98	1.00	1.02	6
-	P39019	HUMAN 40S ribosomal protein S19	0.68	0.81	-0.14	-0.05	1.01	0.97	1.00	1.00	1
-	I3LFL4	PIG 60S ribosomal protein L18 (Fragment)	-0.3	0.23	-0.3	1.62	1.00	1.00	1.00	0.80	2
-	Q5T7N0	HUMAN 60S ribosomal protein L5 (Fragment)	-0.39	0.44	0.02	1.17	1.00	0.99	1.00	0.98	1
-	P62899	HUMAN 60S ribosomal protein L31	-0.43	0.79	-0.38	1.22	1.00	0.97	1.00	0.96	2
-	P61353	HUMAN 60S ribosomal protein L27	-0.1	0.24	1	0.03	1.01	1.00	0.96	1.00	1
-	Q95307	PIG 60S ribosomal protein L13a (Fragment)	-0.41	-0.01	0.84	0.66	1.00	1.00	0.97	1.03	2

-	P46779	HUMAN 60S ribosomal protein L28	-1.02	-0.15	0.76	1.47	0.95	0.99	0.98	0.88	3
-	Q29323	PIG Ribosomal protein S5 (Fragment)	-0.18	-0.14	1.07	0.08	1.01	1.00	0.94	1.00	1
-	Q6QAP7	PIG 40S ribosomal protein S17	0.41	0.83	0.01	-0.44	1.00	0.97	1.00	1.02	3
-	Q29361	PIG 60S ribosomal protein L35	-0.23	0.01	-0.08	0.98	1.00	1.00	1.00	1.03	4
-	Q95L19	PIG Ribosomal protein L19 (Fragment)	-0.36	0.24	-0.01	0.78	0.99	1.00	1.00	1.03	3
-	Q95342	PIG 60S ribosomal protein L18 (Fragment)	-0.07	0.49	-0.73	0.91	1.00	1.00	0.99	1.03	3
-	P62244	HUMAN 40S ribosomal protein S15a	-0.01	0.42	-0.06	0.23	1.00	1.00	1.00	1.01	4
-	P62081	HUMAN 40S ribosomal protein S7	0.07	0.36	0.09	0.04	1.00	1.00	1.00	1.00	2
-	P62279	PIG 40S ribosomal protein S13 (Fragment)	0.06	0.4	0.16	-0.19	1.00	1.00	1.00	1.00	5
-	Q6QAS5	PIG 60S ribosomal protein L12 (Fragment)	-0.44	-0.25	0.65	0.47	1.00	1.00	1.00	1.02	6
-	I3LEX0	PIG 40S ribosomal protein S9 (Fragment)	-0.85	0.6	0.18	0.4	0.99	0.99	1.00	1.02	6
-	Q29195	PIG 60S ribosomal protein L10	-0.77	0.46	-0.09	0.53	1.01	0.99	1.00	1.03	6
-	Q29190	PIG Ribosomal protein S7 (Fragment)	0.18	-0.6	0.6	-0.06	1.01	0.99	1.01	1.01	2
-	P46778	HUMAN 60S ribosomal protein L21	0.01	0.73	0.16	-0.84	1.00	0.97	1.00	1.03	1
-	Q2YGT9	PIG 60S ribosomal protein L6	-0.54	-0.9	0.06	1.44	1.00	0.97	1.00	0.88	11
-	F1SJJ5	PIG 60S ribosomal protein L4	-0.53	-0.44	-0.47	1.49	1.00	0.99	1.01	0.87	7
-	P25398	HUMAN 40S ribosomal protein S12	0.05	0.29	-0.3	-0.04	1.00	1.00	1.00	1.00	2
-	P49171	PIG 40S ribosomal protein S26	-0.71	0.02	0.48	0.13	1.00	1.00	1.01	1.00	2
P62269	F1S4M2	PIG Uncharacterized protein (Fragment) LOC100738304	-0.27	-0.41	0.19	0.35	1.00	1.00	1.01	1.01	2
P83881	F1RT21	PIG Uncharacterized protein	-1.06	-0.11	0.11	0.83	0.94	1.00	1.00	1.03	1
-	P83881	HUMAN 60S ribosomal protein L36a	-1.5	-1.27	0.64	1.86	0.76	0.88	1.00	0.69	1
-	Q4GWZ2	PIG 40S ribosomal protein SA	0.08	0.7	-0.1	-1.02	1.01	0.97	1.00	1.01	5
-	Q29197	PIG 40S ribosomal protein S9 (Fragment)	-0.66	-0.18	0.16	0.34	1.01	1.00	1.00	1.01	7
P62851	F2Z5G8	PIG Uncharacterized protein (Fragment) RPS25	-0.61	-0.02	-0.18	0.37	1.00	1.00	1.00	1.01	6
-	P62888	HUMAN 60S ribosomal protein L30	-0.58	-0.38	0.05	0.46	1.00	1.00	1.00	1.02	4
P02549	F1RR78	PIG Uncharacterized protein LOC100049693	-0.65	-0.51	-0.49	1.02	1.00	1.00	1.00	1.01	149
-	F1RI01	PIG 60S ribosomal protein L13a	-0.36	-0.43	0.11	-0.08	0.99	0.99	1.00	1.01	3
-	P53027	PIG 60S ribosomal protein L10a (Fragment)	-0.86	-0.46	0.33	0.22	0.99	0.99	1.00	1.01	5
-	Q29205	PIG 60S ribosomal protein L11	-0.33	-0.3	-0.47	0.26	1.00	1.00	1.01	1.01	3
-	P46782	HUMAN 40S ribosomal protein S5	-0.75	-0.62	0.25	0.23	1.01	0.99	1.00	1.01	6
-	P62910	HUMAN 60S ribosomal protein L32	-0.01	0.22	-0.52	-0.69	1.00	1.00	1.01	1.03	2
P46776	I3LK51	PIG Uncharacterized protein (Fragment)	0.22	0.31	-0.73	-0.85	1.00	1.01	0.99	1.03	3

-	B7TJ03	PIG Ribosomal protein L26-like 1	-1.13	-0.47	-0	0.54	0.92	0.99	1.00	1.03	5
-	F1S530	PIG 60S ribosomal protein L5	-1.58	-0.81	0.06	1.21	0.71	0.97	1.00	0.96	7
-	I3LVI8	PIG 60S ribosomal protein L7a	-0.81	-0.99	0.03	0.63	1.00	0.95	1.00	1.03	2
-	P62829	HUMAN 60S ribosomal protein L23	-1.14	-0.37	-0.01	0.22	0.91	1.00	1.00	1.01	5
-	P62424	HUMAN 60S ribosomal protein L7a	-1.07	-0.79	-0.05	0.61	0.94	0.97	1.00	1.03	4
-	P62249	HUMAN 40S ribosomal protein S16	-0.27	-0.68	-0.24	-0.17	1.00	0.98	1.00	1.01	2
P62249	F1SP46	PIG Uncharacterized protein	-0.75	-0.8	0.05	0.12	1.01	0.97	1.00	1.00	6
-	Q29214	PIG 60S acidic ribosomal protein P0	0.1	-0.05	-0.56	-0.87	1.00	1.00	1.01	1.03	8
-	F6Q5P0	PIG 40S ribosomal protein S13	-0.1	-0.22	-0.44	-0.7	1.00	1.00	1.01	1.03	2
P46779	I3LSZ6	PIG Uncharacterized protein RPL28	-0.88	-0.2	-0.48	-0.19	0.99	1.00	1.01	1.00	1
-	P62979	HUMAN Ubiquitin-40S ribosomal protein S27a	-0.94	-0.52	-0.21	-0.14	0.97	1.00	1.00	1.00	2
P18124	F1RWI5	PIG Uncharacterized protein	-0.58	-0.48	-1.26	0.49	1.00	0.99	0.89	1.02	9
-	P62841	HUMAN 40S ribosomal protein S15	-1.11	-1.62	1.11	-0.21	0.92	0.72	0.93	1.00	1
P62249	K7GLK5	PIG Uncharacterized protein	-0.69	-0.65	-0.41	-0.18	1.01	0.98	1.00	1.01	4
-	P62269	HUMAN 40S ribosomal protein S18	-1.1	-1.04	-0.37	0.56	0.92	0.95	1.00	1.03	5
-	A1XQU9	PIG 40S ribosomal protein S20	-0.35	-0.44	-0.56	-0.64	1.00	0.99	1.01	1.03	3
-	Q6SA96	PIG 40S ribosomal protein S23	-1.59	-1.13	0.12	0.53	0.71	0.92	1.01	1.03	6
-	Q6QAS9	PIG 60S ribosomal protein L7 (Fragment)	-1.59	-0.92	-0.94	1.3	0.71	0.96	0.96	0.94	3
-	I3LS62	PIG Ribosomal protein L15	-1.79	-1.08	-0.55	0.69	0.61	0.94	1.01	1.03	3
-	P63220	HUMAN 40S ribosomal protein S21	-0.31	-1.51	-1.41	0.16	1.00	0.77	0.82	1.00	1
-	P79324	PIG 60S ribosomal protein L15 (Fragment)	-1.48	-1.82	-0.18	-0.36	0.76	0.59	1.00	1.01	4
-	Q29187	PIG 60S ribosomal protein L4 (Fragment)	-2.14	-1.94	-1.29	1.49	0.40	0.53	0.88	0.87	1
-	A1XQU3	PIG 60S ribosomal protein L14	-1.74	-1	-1.21	0	0.64	0.95	0.90	1.00	4
P62081	I3L7B0	PIG Uncharacterized protein (Fragment)	-0.84	-1.23	-1.04	-1.08	0.99	0.88	0.94	0.99	2
-	P62913	HUMAN 60S ribosomal protein L11	-0.07	-1.17	-2.14	-0.85	1.00	0.91	0.41	1.03	1
-	P63173	HUMAN 60S ribosomal protein L38	-0.97	-0.82	-1.74	-0.84	0.97	0.97	0.68	1.03	2
-	Q6QAAQ3	PIG 60S ribosomal protein L23 (Fragment)	-1.8	-1.75	-2.23	-0.89	0.61	0.63	0.36	1.03	1
P05386	F1SIT7	PIG Uncharacterized protein LOC100523874	0.92	-0.48	-2.87	-5.27	0.97	0.99	0.10	0.00	1

Human equivalent	Accession No.	Collagen Protein	Zq				FDR				No. peptides
			120	1	4	7	120	1	4	7	
P08123	F1SFA7	PIG Uncharacterized protein COL1A2	1.88	4.26	1.31	1.83	0.55	0.00	0.86	0.70	8
P02452	I3LJX2	PIG Uncharacterized protein	2.3	2.53	1.24	2.27	0.34	0.22	0.90	0.41	2
P02452	I3LUM2	PIG Uncharacterized protein	1.82	2.35	1.88	1.74	0.59	0.31	0.58	0.75	4
-	P08123	HUMAN Collagen alpha-2(I) chain	1.57	3.48	1.45	1.27	0.72	0.02	0.81	0.95	2
-	P02461	HUMAN Collagen alpha-1(III) chain	0.42	1.75	0.47	1.27	1.00	0.63	1.01	0.95	2
P02461	F1RYI8	PIG Uncharacterized protein COL3A1	0.7	0.8	0.67	1.6	1.00	0.97	1.00	0.82	2
-	P02452	HUMAN Collagen alpha-1(I) chain	0.41	1.82	-0.15	1.27	1.00	0.60	1.00	0.95	1
-	P12107	HUMAN Collagen alpha-1(XI) chain	0.38	-0.15	1.26	1.76	1.00	1.00	0.88	0.74	1
-	Q02388	HUMAN Collagen alpha-1(VII) chain	-0.46	-0.55	1.25	1.56	1.00	0.99	0.89	0.84	3
-	Q59IP2	PIG Procollagen alpha 2(V)	1.46	0.43	-0.05	-0.09	0.77	0.99	1.00	1.01	3
Q05707	K7GT00	PIG Uncharacterized protein (Fragment) COL14A1	0.69	0.8	-0.06	0.32	1.01	0.97	1.00	1.02	17
P02458	I3LSV6	PIG Uncharacterized protein (Fragment) COL2A1	0.4	0.32	-0.04	0.73	1.00	1.00	1.00	1.03	1
-	H0Y409	HUMAN Collagen alpha-2(IX) chain (Fragment)	0.44	0.28	0.96	-0.31	1.00	1.00	0.96	1.02	1
Q8IZC6	I3LDG8	PIG Uncharacterized protein	0.93	0.15	-0.07	0.13	0.97	0.99	1.00	1.00	1
Q02388	F1SKM1	PIG Uncharacterized protein COL7A1	1.65	0.33	-0.01	-1.48	0.68	1.00	1.00	0.88	1
P20908	F1S021	PIG Uncharacterized protein (Fragment) COL5A1	-0.67	0.14	0.03	0.76	1.01	0.99	1.00	1.03	2
-	F1SSE7	PIG Uncharacterized protein (Fragment) COL15A1	0.96	0.49	-0.1	-1.34	0.97	1.00	1.00	0.92	3
-	Q1T7A9	PIG Type VI collagen alpha-1 chain (Fragment)	0.22	-0.3	-0.69	-0.31	1.00	1.01	0.99	1.02	2
-	P12111	HUMAN Collagen alpha-3(VI) chain	-0.51	-0.68	-1.25	0.72	1.00	0.98	0.89	1.03	1
-	Q59IP1	PIG Procollagen alpha 3(V)	-0.67	-0.69	-0.87	-0.44	1.01	0.98	0.97	1.02	2
-	Q1T7A8	PIG Type VI collagen alpha-1 chain (Fragment)	-0.67	-1.39	-1.32	0.68	1.01	0.83	0.86	1.03	3
-	Q1T7A5	PIG Type VI collagen alpha-3 chain (Fragment)	-1.17	-1.48	-1.2	0.78	0.90	0.79	0.90	1.03	19
Q05707	F1S285	PIG Uncharacterized protein COL14A1	-1.89	-1.22	-0.58	0.38	0.55	0.89	1.01	1.01	4
-	F1RZK4	PIG Uncharacterized protein COL10A1	-1.88	-1	-1.18	0.29	0.56	0.95	0.91	1.02	1
-	E7EX21	HUMAN Collagen alpha-1(XIII) chain	-1.11	-0.52	-1.26	-1.42	0.92	1.00	0.88	0.90	1
P08572	F1RLI9	PIG Uncharacterized protein (Fragment) COL4A2	-0.69	-1.38	-1.9	-0.76	1.01	0.83	0.57	1.03	2
-	P27658	HUMAN Collagen alpha-1(VIII) chain	-1.36	-1.87	-1.09	-0.46	0.83	0.57	0.93	1.02	1
-	P12109	HUMAN Collagen alpha-1(VI) chain	-1.93	-2.12	-1.98	0.85	0.53	0.43	0.52	1.03	5
P39059	I3LIL7	PIG Uncharacterized protein LOC100620394	-0.57	-1.45	-1.49	-1.71	1.00	0.79	0.80	0.77	4

P12109	I3LS72	PIG Uncharacterized protein COL6A1	-2.86	-3.44	-2.19	1.5	0.12	0.03	0.39	0.87	6
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Supplementary Table S9. Protein expression changes in the functionally annotated categories within cluster e.

Human equivalent		DNA damage checkpoint regulation									
Ac. No.	Accession No.	Protein	Zq				FDR				No. peptides
			120	1	4	7	120	1	4	7	
Q92831	I3LRW1	PIG Uncharacterized protein (Fragment) KAT2B	-2.14	-4.48	-1.41	-3.1	0.40	0.00	0.82	0.06	1
-	A0SNV3	PIG Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein	-1.65	-2.17	-1.4	-1.57	0.68	0.41	0.83	0.84	6
-	P61981	HUMAN 14-3-3 protein gamma	-0.68	-0.97	-0.83	-1.45	1.01	0.95	0.97	0.88	9
-	F1SIF5	PIG Uncharacterized protein PTPMT1	0.43	-0.12	-1.07	-1.43	1.00	1.00	0.94	0.89	1
Q13616	F1SAD7	PIG Uncharacterized protein CUL1	0.03	0.36	-0.86	0.09	1.00	1.00	0.97	1.01	2
P62258	K7GP62	PIG Uncharacterized protein	0.36	-0.08	0.29	-0.58	0.99	1.00	1.00	1.03	2
-	P63208	HUMAN S-phase kinase-associated protein 1	2.3	0.93	-0.17	-2.51	0.34	0.96	1.00	0.26	2
P62258	F2Z4Y1	PIG Uncharacterized protein YWHAH	-0.07	0.79	0.23	-0.22	1.00	0.97	1.00	1.01	12
-	D2IE28	PIG Cyclin B1 transcript variant 1	2.43	0.41	-0.44	-1.54	0.29	0.99	1.01	0.85	1
-	K7EM20	HUMAN 14-3-3 protein epsilon (Fragment)	2.41	-0.03	-0.12	-1.27	0.30	1.00	1.00	0.95	2
P31946	F1SDR7	PIG Uncharacterized protein YWHAB	0.9	0.79	0.58	-0.58	0.98	0.97	1.01	1.03	7
-	P62258	HUMAN 14-3-3 protein epsilon	0.82	0.58	0.53	0.02	0.99	0.99	1.01	1.00	4
-	F1RS45	PIG DNA topoisomerase 2	0.63	2.86	0.18	-0.54	1.00	0.11	1.00	1.03	1
Human equivalent		Response to oxidative stress									
Ac. No.	Accession No.	Protein	Zq				FDR				No. peptides
			120	1	4	7	120	1	4	7	
-	Q99814	HUMAN Endothelial PAS domain-containing protein 1	-2.22	-2.43	-1.95	-1.94	0.37	0.27	0.54	0.64	1
P30048	F1S418	PIG Uncharacterized protein PRDX3	0.61	-1	-1.22	-4.36	1.00	0.95	0.90	0.00	6
O95168	I3LPW0	PIG Uncharacterized protein NDUFB4	-1.16	-0.9	-1.78	-1.4	0.90	0.97	0.65	0.90	7
-	P52552	PIG Peroxiredoxin-2 (Fragment)	0.39	-0.61	-0.77	-3.8	1.00	0.99	0.98	0.01	7
Q99497	F1RII4	PIG Uncharacterized protein PARK7	-0.48	-0.72	-0.98	-1.67	1.00	0.97	0.96	0.79	8
-	P55931	PIG Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial	-1.21	-1.01	-0.75	-0.11	0.89	0.95	0.99	1.00	20
Q8NCN5	F1S430	PIG Uncharacterized protein (Fragment) LOC100525578	-0.2	-0.22	-1.33	-1.2	1.00	1.00	0.86	0.97	3
-	Q0R678	PIG DJ-1 protein	-0.01	-0.54	-0.43	-1.41	1.00	0.99	1.01	0.90	4

Q9UI09	F1SQP4	PIG Uncharacterized protein (Fragment) NDUFA12	-0.74	-0.71	-0.31	-0.54	1.01	0.97	1.00	1.03	11
O75306	F1S1A8	PIG Uncharacterized protein NDUFS2	0.37	0	-1.17	-1.45	0.99	1.00	0.92	0.88	17
-	P36968	PIG Phospholipid hydroperoxide glutathione peroxidase, mitochondrial	-1.31	0.47	-1.54	0.76	0.85	0.99	0.77	1.03	4
Q06830	F1S3U9	PIG Uncharacterized protein PRDX1	0.37	-0.76	0.46	-1.67	1.00	0.97	1.01	0.78	8
-	A5A791	PIG DNA-repair protein complementing XP-D cells (Fragment)	0.48	0.06	-0.54	-1.52	1.00	1.00	1.01	0.86	1
-	F1SDX0	PIG Uncharacterized protein ERCC6	0.36	0.57	-0.91	-1.18	0.99	0.99	0.96	0.98	1
-	Q9GLW8	PIG Peroxiredoxin 5	-0.15	1.1	-1.9	-0.04	1.01	0.92	0.57	1.00	1
O00151	F1SC51	PIG Uncharacterized protein	0.85	0.98	-0.66	-1.66	0.99	0.95	1.00	0.79	15
-	Q863I2	PIG Serine/threonine-protein kinase OSR1	0.01	0.69	-0.9	-0.3	1.00	0.97	0.96	1.02	8
-	K7GNQ2	PIG Eosinophil peroxidase	1.73	-1.32	-0.37	-0.49	0.65	0.86	1.00	1.02	1
-	P30041	HUMAN Peroxiredoxin-6	1.53	1.31	0.4	-3.28	0.74	0.86	1.00	0.04	1
-	Q9TSX9	PIG Peroxiredoxin-6	-0.45	-0.18	-0.07	0.75	1.00	1.00	1.00	1.03	11
P30519	F1RK58	PIG Uncharacterized protein HMOX2	0.48	0	-0.5	0.21	1.00	1.00	1.00	1.00	3
-	Q8MJ14	PIG Glutathione peroxidase 1	-0.03	0.22	-0.26	0.31	1.00	1.00	1.00	1.02	4
-	Q6XQN2	PIG Nicotinate phosphoribosyltransferase-like protein (Fragment)	-0.35	-1.2	2.29	-0.43	0.99	0.90	0.32	1.02	1
-	P49927	PIG Major prion protein	-0.15	-0.39	0.46	0.5	1.01	1.00	1.01	1.03	1
P30086	F1RKG8	PIG Uncharacterized protein PEBP1	-0.21	0.63	1.5	-1.42	1.00	0.99	0.79	0.90	9
P48637	F1S4X9	PIG Uncharacterized protein GSS	-0.37	-0.49	0.94	0.5	0.99	1.00	0.96	1.03	1
-	I3L677	PIG Glucose-6-phosphate 1-dehydrogenase (Fragment)	0.63	-0.36	-0.82	1.34	1.00	1.00	0.97	0.92	2
P35580	F1SSA6	PIG Uncharacterized protein (Fragment) LOC396903	0.24	0.71	0.11	0.44	1.00	0.97	1.00	1.02	36
-	Q9NRD9	HUMAN Dual oxidase 1	-0.1	0.07	0.74	1.03	1.00	1.00	0.99	1.01	1
F1S1E9	F1S1E9	PIG Uncharacterized protein OXR1	-0.72	0.23	0.58	1.67	1.00	1.00	1.01	0.79	1
-	P11493	PIG Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform	1.07	0.6	0.44	0.18	0.93	0.99	1.01	1.01	1
-	F1RHU1	PIG Uncharacterized protein PNKP	1.61	1.9	1.87	0.75	0.70	0.56	0.58	1.03	1
-	P36639	HUMAN 7,8-dihydro-8-oxoguanine triphosphatase	0.67	3.85	2.35	0.13	1.01	0.01	0.30	1.00	1
-	F1SRG2	PIG NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6	1.86	7.68	8.14	17.9	0.56	0.00	0.00	0.00	1
Human equivalent Ac. No. Accession No. Protein NAD or NADP as acceptor											
			Zq				FDR				No. peptides
			120	1	4	7	120	1	4	7	
P49419	I3L670	PIG Uncharacterized protein	-1.74	-4.32	-1.49	-0.98	0.64	0.00	0.79	1.02	2
-	D6QST6	PIG 2,4-dienoyl-CoA reductase 1	-1.41	-1.25	-4.88	-0.94	0.80	0.88	0.00	1.02	1

-	P49419	HUMAN Alpha-aminoadipic semialdehyde dehydrogenase	-1.35	-2.81	-2.39	-1.09	0.83	0.13	0.28	0.99	1
P51648	F1SDC7	PIG Uncharacterized protein ALDH3A2	-2.27	-2.03	-2.55	-0.22	0.35	0.48	0.21	1.01	10
P49419	F1RKM1	PIG Uncharacterized protein (Fragment) ALDH7A1	-0.87	-2.56	-1.24	-1.52	0.99	0.21	0.90	0.86	11
P30038	I3LNB4	PIG Uncharacterized protein (Fragment) ALDH4A1	-0.58	-1.21	-1.66	-1.7	1.00	0.89	0.71	0.77	17
-	P30043	HUMAN Flavin reductase (NADPH)	-0.11	0.35	-1.8	-2.82	1.01	1.00	0.64	0.14	1
P51649	F1RUE3	PIG Uncharacterized protein ALDH5A1	-1.29	-0.98	-1.51	-0.56	0.86	0.95	0.79	1.03	11
-	Q16698	HUMAN 2,4-dienoyl-CoA reductase, mitochondrial	-0.84	-1.31	0.3	-1.96	0.99	0.86	1.00	0.63	2
-	Q99714	HUMAN 3-hydroxyacyl-CoA dehydrogenase type-2	-1.24	-1.68	0.23	-0.91	0.88	0.68	1.00	1.03	1
-	F1S232	PIG 4-trimethylaminobutyraldehyde dehydrogenase	-0.61	-1.01	-0.82	-1.13	1.00	0.95	0.97	0.98	10
Q02252	F1S3H1	PIG Uncharacterized protein ALDH6A1	-0.39	-0.65	-1.27	-1.14	1.00	0.98	0.88	0.98	20
-	F1RGV4	PIG Uncharacterized protein DECR2	-0.73	-1.23	-1.3	0.02	1.01	0.88	0.87	1.00	1
-	F1RHN4	PIG Uncharacterized protein TXNRD2	-0.39	-0.03	-1.36	-1.46	1.00	1.00	0.84	0.88	3
Q99714	K7GND4	PIG Uncharacterized protein (Fragment) HSD17B10	-0.81	-0.53	-0.36	-1.28	1.00	1.00	1.00	0.95	3
P11766	F1S0C1	PIG Uncharacterized protein ADH5	-1.11	-0.97	-0.28	-0.5	0.92	0.95	1.00	1.03	7
-	Q9BPX1	HUMAN 17-beta-hydroxysteroid dehydrogenase 14	0.2	-0.58	-1.42	-0.64	1.00	0.99	0.82	1.03	1
-	K7GRM6	PIG Uncharacterized protein (Fragment) HSD17B10	0.15	0.19	-0.58	-1.65	1.01	1.00	1.01	0.80	1
Q9UDR5	F1SLX5	PIG Uncharacterized protein AASS	-0.2	-0.23	-0.97	-0.29	1.01	1.00	0.96	1.01	16
P51659	I3LEF8	PIG Uncharacterized protein HSD17B4	-0.29	-0.09	-0.63	-0.2	1.00	1.00	1.01	1.01	7
-	I3LQH7	PIG Uncharacterized protein BLVRB	0.04	0.83	-0.43	-1.44	1.00	0.97	1.00	0.88	3
-	F1RL81	PIG Uncharacterized protein HSD17B14	-0.11	-0.48	0.26	-0.39	1.00	0.99	1.00	1.01	1
-	Q9XT00	PIG Estradiol 17-beta-dehydrogenase 8	0.57	-0.35	0.19	-0.81	1.00	1.00	1.01	1.03	3
-	D0G6Y0	PIG Hydroxysteroid (17-beta) dehydrogenase 12 (Fragment)	-0.23	-0.06	0.29	-0.4	1.00	1.00	1.00	1.01	1
Q9BRA2	F1RGM3	PIG Uncharacterized protein TXNDC17	0.39	1.14	-0.04	-1.57	1.00	0.91	1.00	0.84	4
-	Q29228	PIG 4-trimethylaminobutyraldehyde dehydrogenase (Fragment)	-0.21	-0.51	0.74	-0.01	1.00	1.00	0.99	1.00	2
Q99714	K7GMY3	PIG Uncharacterized protein (Fragment) HSD17B10	0.71	-0.16	0.16	-0.25	1.00	1.00	1.00	1.01	3
-	Q8MKG1	PIG Hydroxysteroid 11-beta dehydrogenase 2	-0.31	0.22	0.42	1.01	1.00	1.00	1.00	1.01	1
-	F1SG38	PIG Thioredoxin reductase 1, cytoplasmic	0.94	0.89	0.3	-0.48	0.97	0.97	1.00	1.02	3
-	Q9TV69	PIG Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase	0.26	-0.1	1.56	0.24	1.00	1.00	0.75	1.01	8
-	Q3SY69	HUMAN Mitochondrial 10-formyltetrahydrofolate dehydrogenase	-0.85	0.7	0.96	1.38	0.99	0.97	0.96	0.91	1
-	Q28956	PIG 17beta-estradiol dehydrogenase	1.09	1.59	-0.13	-0.19	0.93	0.73	1.00	1.01	5
-	Q9MY8	PIG Thioredoxin reductase 1, cytoplasmic	1.63	0.9	1.2	0.2	0.70	0.97	0.90	1.00	2

Supplementary Table S10. Comparison of temporal protein changes between remote and ischemic myocardium during the first week of reperfusion.

Uniprot Accession	Protein name	Gene ID	ISCHEMIC (Zq)				REMOTE (Zq)				No. Peptides Ischemic tissue	No. Peptides Remote tissue
			R-120 min	R- 24 hours	R-Day 4	R-Day 7	R-120 min	R- 24 hours	R-Day 4	R-Day 7		
I3LEK3	PIG Uncharacterized protein (Fragment)	CALML6	10.3	8.5	1.2	2.0	1.6	1.5	1.7	0.0	1	1
P02042	HUMAN Hemoglobin subunit delta	HBD	2.1	8.3	7.6	1.9	0.6	0.3	2.2	-0.3	1	2
F1SA43	PIG Uncharacterized protein	FAM71D	1.8	8.2	7.1	2.3	0.5	0.6	2.1	0.0	1	1
P02067	PIG Hemoglobin subunit beta	HBB	0.7	7.2	6.5	1.9	-0.3	-1.0	3.7	-0.5	11	10
P01965	PIG Hemoglobin subunit alpha	HBA	0.6	7.5	6.4	1.7	0.2	-0.4	4.5	0.5	10	10
P02009	PIG Hemoglobin subunit zeta	NA	0.7	6.3	6.7	2.3	0.1	-0.3	3.9	1.4	1	1
P02008	HUMAN Hemoglobin subunit zeta	HBZ	1.4	5.9	5.8	2.1	3.2	5.4	3.3	3.5	1	1
I3LMI5	PIG Uncharacterized protein	BRPF1	0.9	3.7	5.3	5.2	-0.8	0.7	0.2	-0.5	1	1
B4DJT1	HUMAN Protein DPCD	DPCD	4.2	7.0	2.4	1.2	0.0	0.7	0.1	0.2	1	1
Q96JM4	HUMAN Leucine-rich repeat and IQ domain-containing protein 1	LRRIQ1	0.8	4.7	5.0	4.2	0.2	0.4	0.1	2.2	1	1
Q6P597	HUMAN Kinesin light chain 3	KLC3	1.1	5.8	5.5	1.6	-0.3	-0.1	1.7	-0.4	1	1
P27917	PIG Apolipoprotein C-III	APOC3	2.0	6.1	4.5	1.4	0.5	0.1	3.0	0.6	7	4
Q8SP57	PIG Haptoglobin	HP	3.1	3.5	4.4	2.8	3.3	4.1	9.5	4.0	14	11
Q14315	HUMAN Filamin-C	FLNC	-0.3	6.2	6.1	1.7	-0.4	-0.7	3.1	1.1	1	2
Q28936	PIG Fibrinogen A-alpha-chain (Fragment)	NA	1.2	3.8	4.9	3.4	-2.1	-0.3	3.0	5.7	5	4
K7ZLA7	PIG IgG heavy chain constant region (Fragment)	IGHG1	4.1	4.1	3.1	2.0	0.6	0.7	5.2	-0.7	9	7
P15175	PIG Cathelin	NA	2.4	5.1	4.1	1.4	2.2	2.8	0.5	5.4	4	2
K7GLE1	PIG Annexin	ANXA1	0.8	4.1	4.5	3.6	-0.8	-0.2	0.3	1.0	1	1
P35054	PIG Transforming growth factor beta receptor type 3	TGFBR3	4.2	5.9	2.7	0.1	3.5	7.9	5.6	-2.3	1	1
I3LAF6	PIG Uncharacterized protein	NA	7.4	2.0	2.6	0.9	-0.4	-1.3	-0.8	1.0	1	3
P01846	PIG Ig lambda chain C region	NA	2.8	3.4	3.5	2.6	-0.5	-0.6	5.5	0.2	3	3
Q10713	HUMAN Mitochondrial-processing peptidase subunit alpha	PMPCA	5.1	6.9	1.2	-1.2	5.4	7.2	6.2	-2.4	1	1
Q9UK32	HUMAN Ribosomal protein S6 kinase alpha-6	RPS6KA6	3.5	5.1	2.7	0.4	4.0	12.2	8.8	-1.0	1	1
F1SS51	PIG Uncharacterized protein (Fragment)	MAP2K4	2.6	3.1	3.1	2.9	-0.1	-1.7	2.2	-0.3	1	1
A5D9N3	PIG Allograft inflammatory factor 1	AIF1	0.7	2.4	4.1	4.5	1.7	1.6	-0.9	-1.1	1	1
Q29549	PIG Clusterin	CLU	2.3	3.8	3.8	1.7	1.2	-0.6	-0.6	-1.5	28	3
F1RX36	PIG Fibrinogen alpha chain	FGA	0.7	3.0	4.3	3.6	-1.4	-0.2	3.0	5.7	4	4
I3L6R8	PIG Uncharacterized protein	FBR5	2.2	2.6	3.4	3.3	1.2	0.2	-0.8	-0.8	1	1
F1RII7	PIG Hemoglobin subunit beta	HBB	0.1	4.7	5.2	1.5	-0.7	-1.2	3.0	0.6	2	2
Q29014	PIG Alpha-1 acid glycoprotein (Fragment)	NA	4.2	3.6	2.0	1.7	5.0	2.8	2.6	-0.1	10	6

P00747	HUMAN Plasminogen
Q9H898	HUMAN Zinc finger matrin-type protein 4
F1RSY9	PIG Uncharacterized protein
Q8IUL9	HUMAN Hemoglobin beta chain variant Hb.Sinai-Bel Air (Fragment)
I3LAQ0	PIG Uncharacterized protein
Q9Y6Q2-2	HUMAN Isoform 2 of Stonin-1
Q9GMA8	PIG Alpha-1-antichymotrypsin 3 (Fragment)
I3LQR9	PIG Fibrinogen alpha chain
F1SRE3	PIG Uncharacterized protein
Q6EMK4	HUMAN Vasorin
Q9BXY5	HUMAN Calcyphosin-2
I3LK76	PIG Uncharacterized protein (Fragment)
I3LBK9	PIG Uncharacterized protein
K7ZMG0	PIG IgG heavy chain constant region (Fragment)
Q86UD7	HUMAN TBC1 domain family member 26
L8B0S2	PIG IgG heavy chain
F1RVE2	PIG Uncharacterized protein
I3LN42	PIG Uncharacterized protein (Fragment)
P08835	PIG Serum albumin
K7ZRJ9	PIG IgG heavy chain constant region (Fragment)
A0SEG9	PIG Complement component C9
K7GL65	PIG Uncharacterized protein
I3L651	PIG Uncharacterized protein
F1RPL9	PIG Uncharacterized protein
Q14587	HUMAN Zinc finger protein 268
F1RX35	PIG Uncharacterized protein
L8B0W0	PIG IgG heavy chain
Q96LA8	HUMAN Protein arginine N-methyltransferase 6
P48819	PIG Vitronectin
F1SCD0	PIG Uncharacterized protein
O43240	HUMAN Kallikrein-10
F1S9C0	PIG Serum amyloid A protein (Fragment)
A6NHR9	HUMAN Structural maintenance of chromosomes flexible hinge domain-containing protein 1
I3LGX0	PIG Uncharacterized protein (Fragment)
I3LRQ8	PIG Uncharacterized protein (Fragment)
P19619	PIG Annexin A1
Q5JXB2	HUMAN Putative ubiquitin-conjugating enzyme E2 N-like
F1RXC2	PIG Uncharacterized protein (Fragment)
P60709	HUMAN Actin, cytoplasmic 1
C3S7K5	PIG Calcium-binding protein A8

PLG	1.2	4.4	3.8	2.0	2.2	2.0	2.1	1.8	1	1
ZMAT4	0.3	4.1	4.8	2.1	-0.3	-0.5	2.3	1.3	1	1
CDC40	1.7	3.8	2.6	3.1	-1.3	-1.2	-1.1	0.9	1	1
HBB	1.7	4.9	3.8	0.8	-0.4	-0.8	0.8	-0.6	4	1
IGKC	2.9	3.2	2.9	2.2	0.0	-0.1	5.1	-1.0	5	4
STON1	0.8	4.6	4.4	1.3	0.8	1.0	1.7	0.9	1	1
SERPINA3-3	3.1	2.9	2.6	2.3	0.9	0.9	5.6	1.0	3	3
FGA	1.3	2.5	3.6	3.5	-1.0	0.1	2.7	5.3	12	9
NA	1.0	3.5	4.1	2.4	-0.2	0.2	-0.2	-0.8	2	1
VASN	0.6	4.7	4.8	0.7	0.4	-0.2	-0.1	-2.7	1	2
CAPS2	1.8	5.5	2.4	0.9	0.3	0.4	0.3	-0.5	1	1
SYT12	2.7	3.8	3.5	0.7	0.5	0.6	1.4	-0.7	1	1
DNAJC3	4.0	5.5	2.1	-1.0	2.3	6.9	4.5	-1.8	1	1
IGHG6-2	3.0	3.0	2.7	1.9	0.7	-0.4	6.3	1.3	11	10
TBC1D26	3.7	3.1	2.1	1.7	1.0	-0.7	1.2	-3.1	1	1
IGHG	3.0	2.8	2.8	1.9	0.6	0.5	4.9	0.5	2	1
HELQ	3.2	2.8	2.2	2.3	2.3	0.8	1.0	0.5	1	1
GC	2.9	3.8	2.2	1.4	1.1	-0.8	2.4	-1.1	13	7
ALB	3.4	2.9	2.3	1.7	0.2	-1.5	3.2	-1.9	28	24
IGHG5-2	3.0	2.5	2.5	2.3	0.4	0.0	5.4	3.0	4	4
NA	2.3	2.9	3.0	2.0	0.5	0.3	0.3	1.3	2	1
CLEC3B	1.8	3.0	2.4	3.0	0.6	0.6	-0.7	-1.7	1	1
NA	1.3	2.5	3.4	3.1	-0.8	0.1	3.1	4.7	27	20
LOC100525442	3.0	2.5	2.3	2.2	0.6	0.6	-0.5	-0.1	1	1
ZNF268	2.4	3.8	3.3	0.5	0.9	-0.3	-0.4	-1.0	2	2
LOC100627396	0.5	2.1	3.8	3.5	-1.7	-0.8	2.8	4.6	23	15
IGHG	2.3	2.8	3.0	1.8	-0.3	-0.2	2.4	-0.5	2	1
PRMT6	2.9	5.8	1.4	-0.3	1.9	1.1	3.5	2.3	1	1
VTN	1.5	2.3	3.5	2.4	-0.6	-1.8	0.1	1.0	11	5
SERPINA3-3	2.8	3.4	2.0	1.4	0.2	1.6	3.6	2.0	7	5
KLK10	2.7	2.4	2.4	2.2	-0.7	-2.0	1.1	-2.5	1	1
LOC100525856	0.9	4.7	2.7	1.4	0.4	3.6	5.2	6.5	4	1
SMCHD1	4.0	5.6	1.0	-1.1	6.2	16.0	16.2	0.6	1	1
PPIL4	3.6	4.1	1.6	0.2	2.4	3.0	-0.6	-0.4	1	1
CCDC77	-1.5	6.0	3.9	1.1	-0.9	-0.9	-0.2	-0.6	1	1
ANXA1	0.8	3.2	3.1	2.4	0.7	0.6	0.6	1.1	17	10
UBE2NL	2.9	2.4	2.0	2.1	0.4	0.5	3.5	-0.6	1	1
CA2	0.9	3.9	3.5	1.1	1.0	0.3	2.1	-0.2	10	4
ACTB	0.7	1.3	2.8	4.5	-1.1	-0.8	0.0	1.0	1	1
S100A8	0.4	4.4	3.3	1.1	0.5	0.6	0.5	1.5	6	1

H7C315	HUMAN Formimidoyltransferase-cyclodeaminase (Fragment)
P00450	HUMAN Ceruloplasmin
F1STC2	PIG Uncharacterized protein
F1SHX3	PIG Uncharacterized protein
L8B0V9	PIG IgG heavy chain
L8B0T7	PIG IgG heavy chain
I3LEV5	PIG Uncharacterized protein (Fragment)
I3LTM2	PIG Uncharacterized protein (Fragment)
F1SF15	PIG Uncharacterized protein
P18650	PIG Apolipoprotein E
Q06AU2	PIG Ras-related protein Rap-2a
Q2EN75	PIG Protein S100-A6
H3BPA4	HUMAN Exocyst complex component 3-like protein (Fragment)
K7ZJP7	PIG IgM heavy chain constant region (Fragment)
F1RII5	PIG Uncharacterized protein
P79263	PIG Inter-alpha-trypsin inhibitor heavy chain H4
F1SUD6	PIG Uncharacterized protein (Fragment)
K7ZRK0	PIG IgA heavy chain constant region (Fragment)
Q9GMA7	PIG Alpha-1-antichymotrypsin 1 (Fragment)
Q19AZ8	PIG Prothrombin
B3KRD4	HUMAN cDNA FLJ34067 highly similar to Chromodomain helicase-DNA-binding protein 5
Q9C026	HUMAN E3 ubiquitin-protein ligase TRIM9
F1SCD1	PIG Uncharacterized protein (Fragment)
P06867	PIG Plasminogen
Q69DL0	PIG Complement C1q subcomponent subunit A
F1SB81	PIG Plasminogen
P09571	PIG Serotransferrin
Q9NYJ7	HUMAN Delta-like protein 3
Q5GA58	PIG Proteasome subunit alpha type 2 (Fragment)
Q8N9B5	HUMAN Junction-mediating and -regulatory protein
P14632	PIG Lactotransferrin
K7ZRJ8	PIG IgD heavy chain constant region (Fragment)
K7GR72	PIG Uncharacterized protein
I3L818	PIG Uncharacterized protein (Fragment)
F1RUQ0	PIG Uncharacterized protein
Q8N4C6	HUMAN Ninein
P18648	PIG Apolipoprotein A-I
A5PF00	PIG B-factor, properdin
F1SSN9	PIG Uncharacterized protein
F1RSX9	PIG Uncharacterized protein (Fragment)

FTCD	0.8	3.0	4.3	1.1	1.0	0.4	2.8	1.6	1	2
CP	2.5	1.7	2.3	2.6	0.7	0.0	4.5	2.5	1	1
LOC100625243	2.6	2.6	2.4	1.5	1.5	1.7	7.5	0.5	2	1
RIF1	1.4	2.5	2.8	2.3	0.0	0.4	1.3	1.3	1	1
IGHG	2.8	2.8	2.4	1.1	0.7	0.5	2.5	-1.1	2	2
IGHG	3.1	2.5	2.2	1.2	0.8	-0.3	3.4	0.2	6	3
NA	-0.4	4.0	4.1	1.3	-0.9	-0.4	3.1	0.4	1	1
SYNE2	1.2	4.7	2.3	0.8	-0.2	-0.3	-0.3	1.3	1	1
HRG	2.3	3.3	1.9	1.4	1.8	1.5	1.6	0.0	12	9
APOE	0.9	3.4	3.2	1.4	0.6	0.1	1.3	1.0	25	4
RAP2A	2.1	2.4	2.4	2.0	1.4	2.0	1.1	-0.3	2	1
S100A6	0.6	1.2	3.0	4.1	1.6	0.1	1.8	1.2	2	1
EXOC3L1	2.5	2.3	2.4	1.5	0.4	1.3	2.6	0.8	1	1
IGHM	1.7	2.3	3.2	1.6	0.1	-1.1	2.6	-0.7	12	6
LOC100515788	1.3	3.0	3.2	1.1	2.0	1.4	1.7	-0.1	1	1
ITIH4	1.1	2.5	1.9	3.0	-0.3	2.1	4.0	9.4	39	23
FAM120A	1.6	3.2	2.7	1.0	0.4	0.6	0.2	1.6	3	3
IGHA	2.5	2.6	2.2	1.3	0.7	1.1	3.7	0.0	8	4
SERPINA3-1	1.0	2.1	2.5	2.9	-0.5	0.7	3.8	4.5	7	3
F2	2.4	3.0	2.0	1.1	0.5	0.1	1.1	1.5	6	3
NA	-1.1	9.6	0.7	-0.7	0.9	0.7	-0.5	1.2	1	1
TRIM9	-0.7	1.3	3.5	4.3	-0.8	0.6	0.7	1.3	1	1
NA	1.0	2.1	2.5	2.7	0.3	2.1	7.1	5.8	2	1
PLG	1.1	2.6	3.2	1.4	-1.1	-2.0	1.6	2.1	13	7
C1QA	0.9	2.6	3.1	1.7	-0.6	-0.6	-0.1	-0.5	4	1
PLG	0.2	2.6	2.9	2.4	-1.2	-2.1	-1.1	1.0	2	1
TF	3.2	2.3	1.5	1.2	2.8	1.5	3.8	-0.6	34	28
DLL3	3.1	1.1	1.9	2.0	-0.3	-0.1	-0.4	-0.1	1	1
PSMA2	1.5	5.8	0.5	0.3	0.5	0.6	1.0	0.8	1	1
JMY	6.8	1.1	-0.1	0.4	7.2	2.3	1.1	1.6	1	1
LTF	2.0	4.1	2.1	-0.2	0.7	0.9	-0.1	0.2	16	2
IGHD	1.6	2.0	2.8	1.7	0.1	-0.4	2.1	-0.1	2	1
SLC4A1	0.6	3.5	3.2	0.7	1.2	2.0	2.6	1.0	14	4
SERPINF2	1.3	1.7	3.0	2.0	1.5	2.1	2.7	0.7	4	2
IGJ	1.4	2.0	2.8	1.8	1.3	-0.1	2.8	-1.3	2	1
NIN	2.3	3.6	1.1	1.0	0.6	-0.1	-1.1	-0.7	1	1
APOA1	2.4	2.6	1.8	1.2	0.8	-2.4	-1.1	-2.4	35	25
BF	2.4	1.4	2.0	2.3	0.3	3.1	4.7	5.1	1	1
DLGAP5	0.7	3.6	2.5	1.1	-0.1	-0.1	-1.1	-0.8	1	1
SNX25	0.4	1.6	2.5	3.3	0.6	0.5	0.5	1.4	1	1

P68871	HUMAN Hemoglobin subunit beta
P50828	PIG Hemopexin
A5D9P0	PIG Ring finger protein 1
I3LGN5	PIG Uncharacterized protein (Fragment)
P20305	PIG Gelsolin (Fragment)
F1S4B4	PIG Uncharacterized protein
F1SFI4	PIG Uncharacterized protein
F1RWM0	PIG Uncharacterized protein
P01025	PIG Complement C3
F1RPK9	PIG Uncharacterized protein
F1SH92	PIG Inter-alpha-trypsin inhibitor heavy chain H4
Q6IPS8	HUMAN UTY protein
P01042	HUMAN Kininogen-1
Q9GMA6	PIG Alpha-1-antichymotrypsin 2
F1SRL9	PIG Uncharacterized protein
F1RKI5	PIG Uncharacterized protein
F1SH94	PIG Uncharacterized protein
Q9GMD6	PIG Antithrombin III (Fragment)
Q9XT08	PIG Apolipoprotein R (Fragment)
P50447	PIG Alpha-1-antitrypsin
I3LQ26	PIG Uncharacterized protein
I3LQ17	PIG Uncharacterized protein
F1SLX2	PIG Uncharacterized protein
F1SCC6	PIG Uncharacterized protein
P02549	HUMAN Spectrin alpha chain, erythrocytic 1
F1RXC1	PIG Uncharacterized protein
Q8SPK6	PIG Beta-actin (Fragment)
F1SL55	PIG Uncharacterized protein
F1RKY2	PIG Uncharacterized protein
H0YA55	HUMAN Serum albumin (Fragment)
F1RVZ2	PIG Uncharacterized protein (Fragment)
F1S1W6	PIG Uncharacterized protein (Fragment)
I3LIE3	PIG Uncharacterized protein (Fragment)
K7GRI0	PIG Uncharacterized protein
F1S7K2	PIG Uncharacterized protein
Q29238	PIG Chloride intracellular channel protein 1 (Fragment)
F1SCC7	PIG Uncharacterized protein
F1S7X0	PIG Uncharacterized protein (Fragment)
Q6Y288	HUMAN Beta-1,3-glucosyltransferase
L8AXK3	PIG IgG heavy chain

HBB	1.2	3.5	2.4	0.7	0.9	0.7	0.4	-1.3	3	2
HPX	2.3	2.0	1.9	1.6	1.7	0.2	3.8	0.6	11	8
RING1	1.5	1.9	1.6	2.7	-0.3	0.4	0.3	0.5	1	1
NA	1.7	2.4	2.2	1.5	-0.6	0.0	1.3	1.0	1	1
GSN	0.6	3.0	2.7	1.4	-0.2	-0.8	0.3	-0.2	25	19
NA	5.2	2.3	-0.1	0.4	-0.4	-0.5	0.1	-0.5	1	1
KNG1	2.0	2.0	2.0	1.7	0.8	1.1	0.2	0.3	12	3
ZC2HC1A	3.0	2.6	1.6	0.5	4.5	5.9	3.0	-1.8	1	1
C3	2.5	1.6	1.9	1.7	-0.2	-2.2	1.4	0.9	83	48
CHIC1	0.6	3.1	3.0	1.1	0.8	0.3	2.6	0.6	1	1
ITIH4	1.1	2.1	1.7	2.7	-0.1	2.9	5.5	10.9	6	2
UTY	5.9	-0.7	0.9	1.5	5.0	-0.2	2.6	7.2	1	1
KNG1	3.2	2.6	1.0	0.8	1.2	1.7	0.3	0.0	1	1
SERPINA3-2	2.7	2.0	1.5	1.4	0.6	-0.3	2.9	0.7	21	16
LOC100522108	0.2	1.1	2.8	3.5	1.2	2.1	-0.1	0.8	14	4
CHSY3	1.9	1.9	1.9	1.8	-1.4	-1.6	-1.1	-0.1	1	1
ITIH3	1.6	2.2	2.1	1.6	0.7	-0.3	0.7	0.9	14	3
AT3	1.4	2.1	2.3	1.8	-0.2	-0.9	1.9	1.4	8	4
APOR	0.9	2.0	2.8	1.8	0.6	-0.3	1.4	0.3	1	1
SERPINA1	2.6	2.1	1.6	1.2	0.8	0.1	1.9	-1.4	13	6
LRRC45	-0.8	3.8	3.6	0.9	-0.3	0.1	3.1	0.4	1	1
NA	2.0	1.8	2.1	1.6	1.2	0.4	4.2	2.6	50	23
A2M	2.0	2.1	1.9	1.4	0.5	-0.3	3.4	0.4	51	36
LOC100153899	1.5	2.1	1.9	1.9	1.1	3.0	5.4	6.9	15	10
SPTA1	2.4	3.1	1.7	0.2	-1.2	-0.3	-0.3	1.1	5	1
CA1	0.0	3.3	3.1	1.0	-0.7	-1.8	0.2	-0.5	10	7
beta-actin	1.2	1.4	2.3	2.3	1.0	0.6	1.4	0.0	3	3
MRPS22	1.9	2.4	1.5	1.4	0.6	0.4	-0.3	0.2	1	1
SERPIND1	2.4	2.0	1.6	1.2	0.3	-0.5	0.4	0.7	9	5
ALB	2.3	2.0	1.3	1.5	0.6	-0.3	1.3	-0.8	1	1
FBF1	5.7	1.3	0.0	0.2	0.7	-0.1	0.3	-0.1	1	1
NOSTRIN	1.6	2.1	1.6	1.8	1.1	4.3	3.2	-0.4	1	1
LOC100511457	0.8	1.4	2.2	2.8	1.0	0.3	-1.0	-0.2	1	4
BCOR	4.1	2.6	0.4	0.0	5.2	2.4	1.9	0.5	1	1
LRG1	2.4	1.3	1.7	1.6	1.2	0.8	1.1	-0.5	4	2
CLIC1	1.7	1.5	1.7	2.1	0.0	1.1	-2.2	-1.3	2	1
LOC100156325	1.1	1.9	1.8	2.2	0.8	2.9	5.3	5.1	7	6
NA	1.7	2.2	1.7	1.4	-0.2	0.4	0.2	1.1	1	1
B3GALT	1.5	2.3	1.7	1.6	0.8	0.1	2.2	-0.6	1	1
IGHG	2.3	1.8	1.5	1.4	0.5	-0.3	0.1	0.3	2	2

Q96GE4	HUMAN Centrosomal protein of 95 kDa
L8B0U3	PIG IgG heavy chain
Q8MI72	PIG Complement regulator factor H
A2SW51	PIG Monocyte differentiation antigen CD14
F1SLB0	PIG Uncharacterized protein
I3LDM5	PIG Uncharacterized protein
F1SFI7	PIG Alpha-2-HS-glycoprotein (Fragment)
Q9GKQ6	PIG Biglycan (Fragments)
F1RZ79	PIG Uncharacterized protein
F1RVD9	PIG Uncharacterized protein
P80229	PIG Leukocyte elastase inhibitor
F1RRE1	PIG Uncharacterized protein (Fragment)
F1SG75	PIG Uncharacterized protein
G8ENL3	PIG Taf15
F1S8B0	PIG Uncharacterized protein
Q9P219	HUMAN Protein Daple
F1SAG1	PIG Uncharacterized protein
F1RYS0	PIG Uncharacterized protein (Fragment)
I3LQ79	PIG Uncharacterized protein
I3LTB8	PIG Uncharacterized protein
F1S4I1	PIG Uncharacterized protein
P02768	HUMAN Serum albumin
F1RMI9	PIG Uncharacterized protein
K7GQB8	PIG Uncharacterized protein
I3LUK8	PIG Uncharacterized protein
P60660	HUMAN Myosin light polypeptide 6
P50390	PIG Transthyretin
F2Z5B1	PIG Leukocyte elastase inhibitor
F1SPP8	PIG Uncharacterized protein (Fragment)
L8B0W4	PIG IgG heavy chain
F1SVB0	PIG Uncharacterized protein
Q00613	HUMAN Heat shock factor protein 1
I3LMU6	PIG Uncharacterized protein (Fragment)
F1SM61	PIG Uncharacterized protein
F1S1A9	PIG Uncharacterized protein
F1SC20	PIG Alpha-1B-glycoprotein
F1RK02	PIG Uncharacterized protein (Fragment)
F1SHB1	PIG Uncharacterized protein
F1RSJ8	PIG Uncharacterized protein
F1SUG8	PIG Uncharacterized protein

CEP95	0.8	2.5	2.8	0.9	2.0	0.5	0.0	-0.1	1	2
IGHG	1.8	1.8	1.8	1.6	-0.2	0.4	2.8	1.5	3	2
FH	0.9	2.3	2.2	1.5	-0.1	-0.1	0.4	0.6	5	1
CD14	1.6	2.5	1.7	1.2	0.9	0.9	0.5	-0.1	2	1
BFSP2	-0.4	2.2	3.7	1.4	-0.3	-1.1	1.9	0.8	1	1
EXOC1	2.3	1.9	1.6	1.0	1.1	-0.5	1.1	-0.3	1	1
AHSG	1.9	1.8	1.5	1.7	2.0	0.2	1.4	0.2	1	1
BGN	1.0	1.0	1.6	3.2	1.7	1.6	1.4	-0.3	8	3
TBC1D16	1.6	1.4	2.0	1.8	0.3	0.2	0.5	0.5	1	1
COQ2	3.2	2.6	0.6	0.3	3.4	4.9	2.1	-0.8	1	1
SERPINB1	1.1	2.5	2.2	0.9	1.9	1.3	0.9	0.2	16	3
CMTM6	1.5	1.7	2.1	1.4	0.7	-0.3	-0.6	0.0	1	1
SSPN	1.2	1.7	1.3	2.4	0.6	0.8	0.4	-0.4	1	2
TAF15	1.7	0.9	2.2	1.9	2.6	3.6	1.3	0.8	1	1
DDRKG1	0.3	2.7	2.6	0.9	0.7	0.5	1.0	1.5	2	1
CCDC88C	1.6	1.8	1.3	1.9	0.6	0.3	0.4	-0.5	1	1
TTLL7	2.7	1.6	1.3	1.0	-2.3	-0.7	-0.6	-0.3	2	1
FRAS1	1.8	1.6	1.7	1.4	-0.5	-0.5	0.3	-0.6	1	1
MVP	1.7	1.5	1.7	1.5	1.7	3.2	2.1	3.8	25	7
NA	1.9	1.8	1.7	1.1	-1.6	-2.4	0.5	1.0	2	1
NA	1.0	1.5	1.8	2.1	0.0	-0.2	-0.4	-0.3	4	1
ALB	1.8	2.3	1.8	0.6	0.7	-1.2	3.5	-2.5	4	1
MAN2A2	0.0	3.1	2.6	0.7	0.5	-0.2	0.3	-0.3	1	3
CP	1.4	1.2	1.8	1.9	0.2	-0.2	4.2	2.9	31	20
NA	1.6	2.0	1.8	1.1	0.7	0.1	-0.2	1.0	1	1
MYL6	0.6	1.4	1.7	2.6	3.1	1.2	0.3	-1.9	8	4
TTR	2.2	1.8	1.4	1.0	1.1	-1.6	1.8	-1.3	7	4
SERPINB1	1.2	2.3	2.0	0.9	2.0	1.8	0.7	0.0	1	1
CKAP4	0.9	1.3	2.0	2.2	0.0	0.2	1.0	0.8	18	6
IGHG	1.8	2.1	1.7	0.7	0.5	-0.9	1.7	0.4	1	1
CAPG	0.9	1.0	2.2	2.2	0.7	0.6	0.8	0.6	9	1
HSF1	-0.2	3.1	2.8	0.5	1.2	1.1	1.6	0.3	1	1
RCN3	0.9	1.2	1.8	2.4	0.7	0.0	-0.7	0.2	8	1
FBLN1	1.2	1.5	1.5	2.0	0.6	0.0	0.7	-0.7	4	1
APOA2	1.2	1.7	1.9	1.5	0.5	0.0	1.0	2.3	3	1
A1BG	1.9	1.6	1.2	1.5	1.3	0.9	1.9	0.3	13	11
LCP1	0.4	1.2	2.2	2.4	1.6	0.8	-0.3	-0.1	19	4
PRPF40B	2.5	1.7	1.3	0.7	2.9	3.1	3.0	2.0	1	1
FTSJ3	2.0	1.7	1.3	1.2	0.4	-0.3	0.3	-0.7	1	1
DDX50	1.4	2.3	1.4	1.1	-0.7	-1.8	-1.1	0.0	1	1

F1SJW8	PIG Uncharacterized protein	SERPING1	1.3	1.6	1.8	1.5	-0.1	1.2	0.7	-0.4	1	1
Q29268	PIG Syntaxin-binding protein 2 (Fragment)	STXBP2	1.7	2.0	1.6	0.8	-0.2	0.3	-0.9	0.1	1	1
P16293	PIG Coagulation factor IX (Fragment)	F9	2.0	1.7	1.3	1.1	0.6	0.3	0.0	-0.8	2	2
F1SR81	PIG Uncharacterized protein	STK16	7.3	0.2	-0.6	-0.8	7.5	1.1	0.2	-0.4	1	1
A1Y2K1	PIG Tyrosine-protein kinase Fyn	FYN	2.3	1.2	0.9	1.7	-0.8	0.0	2.0	1.7	1	1
I3LHF5	PIG Uncharacterized protein	KCND1	2.0	1.8	1.3	1.0	-0.9	-1.2	-0.3	-0.7	1	1
I3LS26	PIG Saposin-B-Val	PSAP	-0.1	1.3	2.5	2.3	2.2	0.9	0.3	-1.1	6	2
L8B0T2	PIG IgG heavy chain	IGHG	0.4	2.3	1.9	1.4	-1.0	1.2	5.1	1.2	2	2
K7GQL2	PIG Coagulation factor XIII, A1 polypeptide	F13A1	1.0	1.6	2.2	1.2	-0.1	-0.5	-1.4	-2.8	3	1
Q0PM28	PIG Pigment epithelium-derived factor	NA	1.4	1.8	1.4	1.5	0.7	1.3	0.2	0.2	13	4
Q6DUB7	PIG Stathmin	STMN1	1.2	1.6	1.6	1.7	1.5	0.5	0.4	0.3	6	1
Q9ULI4	HUMAN Kinesin-like protein KIF26A	KIF26A	1.0	1.7	2.0	1.3	-0.4	-1.3	-1.1	-1.4	1	2
Q2TAY7	HUMAN WD40 repeat-containing protein SMU1	SMU1	1.4	1.3	1.3	1.9	1.4	2.6	0.6	0.2	3	1
L8AXL9	PIG IgG heavy chain	IGHG	1.3	1.5	1.9	1.2	-1.2	-2.5	2.4	0.0	4	4
F1SMJ6	PIG Uncharacterized protein (Fragment)	C9	0.8	1.8	2.0	1.4	1.5	1.0	0.3	1.9	7	1
Q68RU1	PIG Ovarian and testicular apolipoprotein N	ApoN	0.8	1.9	2.2	1.0	-0.2	-0.9	-0.4	-0.4	5	2
Q96SA9	HUMAN Anti-streptococcal/anti-myosin immunoglobulin kappa light chain variable region (Fragment)	NA	1.9	2.2	1.1	0.7	1.4	1.9	0.9	-0.9	1	1
F1SQE6	PIG Uncharacterized protein (Fragment)	ARPC4	0.6	1.0	2.0	2.4	-0.2	0.5	0.1	0.5	5	5
P29700	PIG Alpha-2-HS-glycoprotein (Fragment)	AHSG	2.1	1.6	1.1	1.1	0.4	-1.0	-0.1	-0.4	4	2
I3L9M7	PIG Uncharacterized protein	NA	0.5	0.9	1.9	2.6	1.1	1.2	-0.1	-0.6	6	1
I3LN07	PIG Uncharacterized protein (Fragment)	UHRF1BP1L	3.5	0.9	0.5	0.9	6.1	2.2	0.3	-0.2	2	1
I3LI44	PIG Uncharacterized protein (Fragment)	COTL1	0.3	0.9	2.2	2.4	-0.4	0.0	0.1	0.4	8	2
Q29052	PIG Inter-alpha-trypsin inhibitor heavy chain H1	ITIH1	1.6	1.6	1.5	1.1	-0.1	-1.2	0.5	0.8	23	12
P00795	PIG Cathepsin D	CTSD	0.6	0.1	1.9	3.1	0.3	0.0	-0.2	-0.2	12	8
K9IVW2	PIG Integrin alpha-X	ITGAX	1.9	1.9	1.3	0.7	-0.8	-0.6	0.2	0.3	1	1
F1S682	PIG Sulfhydryl oxidase	QSOX1	1.3	1.8	1.6	1.2	0.5	0.5	0.7	1.6	11	2
I3LUE0	PIG Uncharacterized protein (Fragment)	CCDC112	5.8	1.2	-0.7	-0.5	8.6	7.2	-0.1	0.3	1	1
F1SIX7	PIG Uncharacterized protein	LOC100520931	2.0	1.7	1.4	0.7	-0.5	-0.5	-0.9	0.0	2	2
F1SU68	PIG Uncharacterized protein	TTC18	2.1	2.5	0.8	0.4	0.2	0.1	0.0	-0.1	1	1
K7GQ48	PIG Uncharacterized protein	A2M	2.0	1.7	1.3	0.7	1.2	0.3	2.1	-0.1	6	3
F1RQW6	PIG Complement factor B	BF	1.2	1.1	1.6	1.7	-0.6	-1.1	1.0	0.7	23	8
I3LGI9	PIG Uncharacterized protein	GLB1	1.0	1.9	2.2	0.7	0.7	1.2	-0.6	-0.9	1	1
F1RJ93	PIG Uncharacterized protein (Fragment)	TAGLN2	0.4	1.0	1.9	2.4	0.4	1.1	0.1	-0.1	13	7
O02668	PIG Inter-alpha-trypsin inhibitor heavy chain H2	ITIH2	1.8	1.4	1.4	1.1	0.8	0.6	1.2	0.4	23	12
B0LFE9	PIG Complement component 4	NA	1.5	1.4	1.3	1.4	0.5	-0.4	1.6	2.9	38	7
F1SP49	PIG Uncharacterized protein (Fragment)	NA	0.6	1.1	1.8	2.1	-0.6	0.3	0.5	0.3	1	1
K7GPJ3	PIG Uncharacterized protein	THBS1	1.2	1.9	1.3	1.2	0.0	-1.2	0.8	0.9	10	1
F1SH87	PIG Uncharacterized protein (Fragment)	LARP4	1.2	1.3	1.6	1.4	-3.0	-5.6	-5.5	-5.5	1	1
A8U4R4	PIG Transketolase	tkt	0.8	1.0	1.9	2.0	0.7	0.9	0.7	-0.3	21	6
F1RN76	PIG Uncharacterized protein	CD5L	0.7	1.3	2.5	1.1	0.0	-1.0	3.3	0.3	7	1

I3LV88	PIG Uncharacterized protein (Fragment)
Q9Y240	HUMAN C-type lectin domain family 11 member A
Q9UPU5	HUMAN Ubiquitin carboxyl-terminal hydrolase 24
P02543	PIG Vimentin
F15JB5	PIG Annexin
Q719N1	PIG Spastin (Fragment)
Q14568	HUMAN Putative heat shock protein HSP 90-alpha A2
F15S24	PIG Uncharacterized protein
I3LVF2	PIG Uncharacterized protein
Q9NUQ9	HUMAN Protein FAM49B
I3LAJ5	PIG Uncharacterized protein (Fragment)
P67985	PIG 60S ribosomal protein L22
F1RGI2	PIG Uncharacterized protein
Q9TUQ3	PIG Complement component C7
F15BK5	PIG Uncharacterized protein
B9TSP4	PIG Tenascin XB
K9IW91	PIG GCN1 general control of amino-acid synthesis 1-like 1
F1SKM1	PIG Uncharacterized protein
F1S8P4	PIG Uncharacterized protein
Q9GLP2	PIG Vitamin K-dependent protein C
I3LQH7	PIG Uncharacterized protein
F1S643	PIG Uncharacterized protein
I3LGC2	PIG Uncharacterized protein
I3L7A9	PIG Uncharacterized protein
Q8WMQ3	PIG CD9 antigen
Q9GLP1	PIG Coagulation factor V
P09493-5	HUMAN Isoform 5 of Tropomyosin alpha-1 chain
Q19AZ5	PIG Antithrombin protein
O95613	HUMAN Pericentrin
F1SQW8	PIG Uncharacterized protein
I3LU39	PIG Uncharacterized protein (Fragment)
F1RXY7	PIG Uncharacterized protein
Q9NRC6	HUMAN Spectrin beta chain, non-erythrocytic 5
I3LV55	PIG Uncharacterized protein (Fragment)
F1S3G9	PIG Uncharacterized protein
F1SRC8	PIG Uncharacterized protein
F1SQ34	PIG Uncharacterized protein
I3LNI2	PIG Uncharacterized protein (Fragment)
Q08094	PIG Calponin-2 (Fragment)
F1SLA7	PIG Uncharacterized protein

NA	4.8	0.5	0.1	0.3	7.8	0.0	1.0	1.5	1	2
CLEC11A	1.0	1.5	1.6	1.6	-2.2	-4.5	-3.9	-4.8	1	1
USP24	1.7	1.2	1.2	1.5	-2.4	-1.3	-0.2	1.1	1	1
VIM	0.1	0.6	1.9	3.0	0.4	1.4	0.3	-1.3	50	34
ANXA1	0.5	1.5	1.9	1.7	0.9	1.2	1.5	0.3	1	1
SPAST	2.5	3.6	-0.6	0.0	4.2	6.2	0.9	0.1	1	1
HSP90AA2	-0.1	1.4	2.7	1.5	1.8	4.0	9.8	1.3	1	1
FN1	0.5	0.7	1.7	2.5	-0.5	-1.6	-1.1	-0.2	63	26
PTCH1	0.6	1.3	1.7	1.8	-1.3	-0.6	0.0	0.4	1	1
FAM49B	1.5	1.8	1.2	1.0	-1.6	-1.1	-0.3	1.0	3	1
NA	1.5	2.4	0.9	0.6	-1.3	-0.6	-0.5	0.1	2	1
RPL22	1.0	1.5	1.7	1.2	0.0	0.5	0.9	1.0	3	3
LOC100514845	2.2	1.9	0.8	0.5	0.3	0.6	0.9	-0.8	2	2
C7	1.7	1.6	1.3	0.9	0.3	2.2	3.4	1.0	7	1
ANKEF1	2.4	1.8	0.6	0.5	5.7	3.4	-0.3	0.7	1	1
TNXB	1.7	1.1	1.3	1.3	2.2	2.8	0.3	0.7	1	1
GCN1L1	0.1	1.5	2.6	1.2	-1.2	-1.1	1.2	1.2	2	1
COL7A1	0.7	1.6	1.9	1.2	1.6	0.3	0.0	-1.5	3	1
AHCTF1	1.9	1.2	0.9	1.3	0.5	0.5	1.7	0.8	2	1
PROC	1.4	1.2	1.5	1.2	-1.8	-3.1	-3.4	-2.1	7	1
BLVRB	0.6	2.4	1.9	0.4	0.0	0.8	-0.4	-1.4	8	3
CFH	1.3	1.3	1.5	1.2	0.8	0.7	3.0	1.4	9	2
RRBP1	0.6	0.6	1.8	2.3	2.1	2.0	0.8	0.9	36	2
NA	1.3	0.8	1.3	1.8	1.6	1.0	0.5	-0.9	1	1
CD9	0.1	1.2	2.1	1.8	-0.7	-0.8	-0.6	0.9	1	1
F5	1.1	1.5	1.8	0.9	0.7	0.6	0.6	0.5	9	1
TPM1	1.0	2.2	1.2	0.9	2.7	1.1	-1.0	-1.7	1	1
NA	1.4	1.5	1.3	1.0	0.8	0.7	1.1	0.2	17	7
PCNT	-0.1	0.2	3.3	1.8	-0.3	0.8	-0.1	-0.2	1	1
ARHGDI1	0.7	1.1	1.7	1.7	1.3	2.0	0.6	-0.3	10	2
ISG15	1.1	0.5	1.8	1.7	1.9	-0.4	3.8	6.0	3	2
TSN	2.7	1.8	0.2	0.4	2.5	1.0	0.9	-0.8	2	1
SPTBN5	0.6	0.9	2.2	1.5	-1.7	-1.6	-0.7	-0.3	3	3
NA	0.9	1.1	1.5	1.7	1.1	-0.1	0.4	0.8	5	2
LOC100154911	1.8	1.4	1.0	0.9	-0.5	-0.9	-0.3	-0.4	1	1
CLEC3B	1.1	1.8	1.0	1.3	0.4	-0.7	-0.1	-0.7	2	2
DTX3L	-1.4	1.8	2.4	2.3	-1.4	2.0	-0.1	0.4	1	1
TFG	1.9	1.2	1.1	0.9	3.7	1.6	0.6	-0.3	2	2
CNN2	0.2	0.6	1.8	2.5	0.9	0.5	0.9	1.0	2	1
SRPRB	3.4	1.5	0.1	0.0	0.8	0.7	-1.0	-0.1	1	2

P80171	PIG LIM and SH3 domain protein 1 (Fragment)
Q99542	HUMAN Matrix metalloproteinase-19
F1S902	PIG Uncharacterized protein
I3LBF7	PIG Uncharacterized protein (Fragment)
I3LS00	PIG Uncharacterized protein
I3LM05	PIG Uncharacterized protein
H9LBP0	PIG Serpin peptidase inhibitor clade D member 1 (Fragment)
I3L9S0	PIG Uncharacterized protein (Fragment)
K7GRI3	PIG Uncharacterized protein (Fragment)
G8G223	PIG Coronin
F1RJL0	PIG Uncharacterized protein
F1SFI6	PIG Uncharacterized protein (Fragment)
P61421	HUMAN V-type proton ATPase subunit d 1
A0SEH3	PIG Complement component C8G
F1RGK5	PIG Tropomyosin alpha-3 chain
F1SH32	PIG Uncharacterized protein
F1RQW2	PIG Uncharacterized protein
F1RHI6	PIG Uncharacterized protein
P27594	PIG Interferon-induced GTP-binding protein Mx1
F1SV88	PIG Uncharacterized protein
I3LM09	PIG Uncharacterized protein (Fragment)
K7GPW1	PIG Uncharacterized protein
I3LLP5	PIG Uncharacterized protein (Fragment)
P50454	HUMAN Serpin H1
Q860V0	PIG MHC class I antigen
A0PFK4	PIG F-actin capping protein subunit beta 2
F1SRG2	PIG NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6
Q9UHQ9	HUMAN NADH-cytochrome b5 reductase 1
I3LRJ6	PIG Uncharacterized protein
F1SUM3	PIG Uncharacterized protein (Fragment)
O15511	HUMAN Actin-related protein 2/3 complex subunit 5
P16415	HUMAN Zinc finger protein 823
K9J6H8	PIG Alpha-2-macroglobulin
Q4KWH8	HUMAN 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase eta-1
F1RVR2	PIG Uncharacterized protein
Q9Y3B4	HUMAN Pre-mRNA branch site protein p14
F1S3B0	PIG Uncharacterized protein
F1SNL7	PIG Uncharacterized protein
F1SCV8	PIG Uncharacterized protein (Fragment)
Q8WWQ8	HUMAN Stabilin-2

LASP1	0.5	1.1	1.2	2.3	0.2	0.1	-0.2	-0.6	1	1
MMP19	3.7	1.1	0.0	0.4	6.5	5.0	0.9	0.4	1	1
COMP	-0.2	0.3	1.8	3.1	-1.2	-0.1	-0.4	0.0	1	1
LOC733637	0.7	1.1	1.5	1.8	1.5	0.9	-0.5	-0.9	2	2
PABPC1	1.2	1.4	1.2	1.2	0.3	0.4	1.2	0.7	8	3
NA	0.8	1.6	1.3	1.3	-1.1	-0.7	-0.6	-0.4	3	1
SERPIND1	0.7	1.8	1.9	0.6	2.3	1.1	-0.1	0.1	2	2
OBSL1	0.8	1.4	1.6	1.3	-0.7	-1.0	-0.5	-0.2	3	3
CP	1.6	0.9	1.2	1.4	0.7	0.2	4.6	2.9	11	5
coro1a	0.4	1.6	1.8	1.2	1.2	0.1	0.3	-0.9	10	1
WBSCR16	4.3	0.9	0.1	-0.2	3.2	0.5	0.2	1.2	1	1
FETUB	2.2	1.5	0.8	0.5	1.1	0.3	0.1	0.1	10	4
ATP6V0D1	1.0	1.5	1.2	1.3	2.0	0.6	0.3	-0.4	3	1
LOC100037955	1.5	1.6	1.2	0.7	3.6	3.0	1.3	1.2	5	1
TPM3	1.1	1.4	1.1	1.4	1.8	0.9	-0.1	0.2	6	2
GOLIM4	0.9	0.7	1.4	2.0	0.4	0.9	1.7	3.3	1	1
C4	1.6	1.5	0.9	1.0	1.1	0.2	1.0	1.2	2	2
NES	0.3	0.9	1.9	1.8	1.5	1.2	-0.4	-1.1	59	15
MX1	1.2	0.6	1.5	1.7	1.4	-0.8	0.3	0.9	19	3
LOC100518914	1.0	1.0	1.4	1.5	0.3	0.6	0.4	1.1	2	1
HCN2	1.3	1.4	1.1	1.2	-0.5	0.2	1.7	1.8	1	1
CFI	1.4	1.2	1.3	1.1	0.9	-0.9	1.5	-0.4	4	2
GIMAP4	0.3	0.5	2.1	2.0	1.4	1.5	0.9	1.3	8	4
SERPINH1	0.4	0.4	1.7	2.4	0.0	0.5	-0.1	0.7	10	8
SLA-3	1.2	1.4	0.9	1.5	-1.4	-1.3	-1.0	0.5	1	1
CP beta2	0.4	0.5	1.7	2.3	-1.4	-0.7	0.1	-1.0	1	1
NDUFA6	0.6	2.5	0.5	1.3	1.9	7.7	8.1	17.9	1	1
CYB5R1	1.0	0.8	1.7	1.4	0.3	0.6	0.9	0.0	2	1
CKAP5	1.0	1.3	1.4	1.2	-2.3	-0.4	1.8	3.9	2	1
SERPINH1	-0.4	0.4	2.1	2.8	-0.7	-0.3	0.4	1.5	7	4
ARPC5	0.3	0.9	1.9	1.7	-0.1	-1.0	-0.4	-0.5	4	1
ZNF823	2.8	2.6	-0.1	-0.5	5.5	2.9	1.3	1.2	1	1
A2M	1.7	2.0	1.3	-0.1	0.7	0.4	3.5	1.0	3	1
PLCH1	0.3	2.5	2.2	-0.1	-0.1	0.2	-0.8	0.9	1	2
DNAH8	1.0	1.2	1.4	1.2	0.3	-0.5	0.3	0.3	1	1
SF3B14	1.5	1.6	1.0	0.7	1.0	0.8	-0.2	-0.5	2	1
NA	1.7	1.2	1.1	0.7	-0.1	-0.6	0.0	0.9	1	1
CNDP2	0.5	0.5	1.7	2.1	1.7	1.1	0.3	0.2	6	4
NA	1.1	1.4	1.3	1.0	1.0	0.7	0.0	-1.0	25	3
STAB2	0.5	0.8	1.6	1.8	0.2	0.2	2.7	2.5	1	1

F1S924	PIG Uncharacterized protein
P04229	HUMAN HLA class II histocompatibility antigen, DRB1-1 beta chain
O46409	PIG Apolipoprotein A-IV
F1RY21	PIG Uncharacterized protein
Q29545	PIG Inhibitor of carbonic anhydrase
I3LG67	PIG Uncharacterized protein
I3LKZ1	PIG Uncharacterized protein
P62910	HUMAN 60S ribosomal protein L32
K7GM22	PIG Uncharacterized protein
Q29568	PIG Phosphopyruvate hydratase (Fragment)
I3LNA4	PIG Uncharacterized protein
O14746	HUMAN Telomerase reverse transcriptase
I3LDD2	PIG Uncharacterized protein
I3LLD5	PIG Uncharacterized protein (Fragment)
I3LK24	PIG Uncharacterized protein
Q2MJK3	PIG GTPase NRas
F1SGG9	PIG Uncharacterized protein (Fragment)
A1KZ92	HUMAN Peroxidase-like protein
P23396	HUMAN 40S ribosomal protein S3
Q14241	HUMAN Transcription elongation factor B polypeptide 3
F1S895	PIG Uncharacterized protein
Q4QZ00	PIG Elongation factor 1-alpha 1 (Fragment)
F2Z5I2	PIG Uncharacterized protein
I3LV13	PIG Uncharacterized protein (Fragment)
F1SML4	PIG Uncharacterized protein
F1SPT0	PIG Ubiquitin carboxyl-terminal hydrolase
Q5NV91	HUMAN V2-19 protein (Fragment)
I3LJX7	PIG Uncharacterized protein
F1SQY2	PIG Uncharacterized protein (Fragment)
F1SLL2	PIG Uncharacterized protein (Fragment)
Q29290	PIG Cystatin-B
O60661	HUMAN Alpha myosin heavy chain (Fragment)
K7GMW0	PIG Uncharacterized protein (Fragment)
F1SCC9	PIG Uncharacterized protein (Fragment)
F2Y8R2	PIG Transmembrane and coiled coil domain protein 3 (Fragment)
P62495	HUMAN Eukaryotic peptide chain release factor subunit 1
F1RWT2	PIG Uncharacterized protein
A2I7K3	PIG MHC class I antigen
P84157-2	HUMAN Isoform 2 of Matrix-remodeling-associated protein 7
D2K6G0	PIG Thioredoxin reductase 2

CCDC124	0.5	1.9	1.7	0.7	1.6	0.5	0.6	0.9	1	1
HLA-DRB1	1.2	0.8	1.7	1.0	0.3	0.2	0.3	-0.6	1	1
APOA4	1.6	2.0	0.9	0.4	1.8	-0.8	-3.8	-1.8	31	6
NA	1.4	1.8	1.0	0.5	0.2	0.8	0.3	0.7	1	1
ICA	1.9	1.0	1.0	0.8	1.4	0.4	2.9	-0.8	8	4
MARCKS	0.2	0.7	1.7	2.1	0.5	-0.2	1.6	0.7	4	3
NA	0.8	1.0	1.5	1.4	0.8	-0.1	-1.2	-0.1	16	3
RPL32	-0.1	1.3	2.2	1.4	0.0	0.2	-0.5	-0.7	2	2
NAA10	1.6	0.8	1.3	1.0	0.4	0.9	2.0	1.8	1	1
NA	1.2	0.9	1.2	1.5	0.9	1.0	-0.4	-0.9	1	1
LOC100621383	2.3	0.8	0.7	0.9	0.7	1.5	0.0	-1.8	2	1
TERT	1.6	1.3	1.1	0.8	-0.1	-0.5	1.0	-0.5	3	1
NOP58	0.5	1.9	1.7	0.6	0.7	1.3	-1.4	-1.8	1	1
NA	0.8	0.7	1.7	1.4	0.1	0.9	-0.9	-1.0	8	5
AP2A1	1.3	1.1	1.1	1.2	1.2	0.5	0.2	-0.4	8	5
NRAS	2.2	2.1	0.3	0.1	0.6	1.2	0.5	-0.5	1	1
LOC100737483	3.3	1.5	0.0	-0.2	1.6	0.7	-2.0	1.9	1	1
PXDNL	1.0	1.5	0.7	1.4	-0.5	-2.0	-0.2	-2.4	1	1
RPS3	0.8	0.5	1.5	1.9	0.5	0.6	0.0	0.3	6	6
TCEB3	0.0	1.6	2.0	1.0	-0.6	1.0	1.6	1.7	1	1
LOC100624528	0.9	1.1	1.7	0.9	0.4	1.4	0.9	0.2	2	3
EF1A1	-0.7	0.0	2.2	3.1	-0.5	0.3	1.2	1.5	8	9
RBM39	1.4	1.8	1.0	0.5	-0.2	0.3	0.5	0.6	2	2
PTMA	-0.7	1.7	2.3	1.4	3.9	2.0	0.7	-3.7	5	2
SND1	1.2	0.7	1.3	1.4	1.4	1.4	1.1	1.0	10	3
USP4	2.3	1.1	0.8	0.3	2.5	2.2	2.0	0.9	1	1
IGLV3-27	1.0	2.2	1.3	0.1	-0.7	-2.6	2.4	-1.8	1	1
TOR1AIP2	2.0	2.2	0.3	0.0	3.9	6.0	1.5	-0.7	1	1
DERA	1.6	1.4	1.0	0.5	0.7	1.1	1.2	0.7	1	1
IL31RA	1.1	0.7	1.2	1.4	-0.3	0.0	0.6	1.0	1	1
CSTB	-0.1	0.1	2.0	2.5	0.1	-0.7	-0.9	-2.0	3	1
NA	2.6	2.4	-0.1	-0.5	-1.2	-1.7	-0.5	-0.6	1	1
PTPRC	0.4	1.1	1.3	1.6	-0.8	-0.9	0.2	1.0	3	1
NA	1.2	2.1	0.7	0.4	-1.0	0.8	0.4	-2.5	5	4
Tmcc3	1.3	0.8	1.3	1.0	-1.0	-1.5	-1.7	-1.3	1	1
ETF1	1.2	0.9	1.1	1.2	3.4	1.9	0.7	-0.7	4	1
PLS3	0.7	0.9	1.2	1.6	0.4	0.1	0.0	0.3	21	7
SLA-1	0.6	0.5	1.8	1.4	0.2	1.1	2.9	3.2	1	1
MXRA7	0.8	0.9	1.0	1.7	2.2	1.3	2.6	0.4	1	1
NA	1.9	0.7	0.8	1.0	1.9	1.1	0.4	-1.3	1	2

Q7YSG7	PIG Nitric oxide synthase
C4NF76	PIG Bone marrow stromal cell antigen 2
P79309	PIG Tropomyosin TM30-pl (Fragment)
F6PVJ7	PIG Nucleoside diphosphate kinase
F1SUQ3	PIG Uncharacterized protein
Q06A96	PIG RU2B
A0PFK5	PIG Capping protein (Actin filament) muscle Z-line, alpha 1
F1SL54	PIG Uncharacterized protein
Q6XQN2	PIG Nicotinate phosphoribosyltransferase-like protein (Fragment)
Q8NHP7	HUMAN Exonuclease 3'-5' domain-containing protein 1
P14477	PIG Fibrinogen beta chain (Fragment)
C6K7I1	PIG Importin subunit alpha
F1SKN5	PIG Eukaryotic translation initiation factor 3 subunit L
F1SQ36	PIG Uncharacterized protein
Q32M45	HUMAN Anoctamin-4
F1RKA7	PIG Uncharacterized protein (Fragment)
P28491	PIG Calreticulin
Q29308	PIG 40S ribosomal protein S19 (Fragment)
I3LGH6	PIG Uncharacterized protein
P02675	HUMAN Fibrinogen beta chain
Q13885	HUMAN Tubulin beta-2A chain
M3UYZ6	PIG ATPase, class VI, type 11A tv2 (Fragment)
Q9Y3A6-2	HUMAN Isoform 2 of Transmembrane emp24 domain-containing protein 5
O60536	HUMAN Antigen NY-CO-43
F1RK53	PIG Coronin
P45846	PIG Dermatopontin
F1S584	PIG Choline transporter-like protein 2
Q2VPJ9-2	HUMAN Isoform 2 of Leucine-rich repeat-containing protein FAM211B
F1SA35	PIG Uncharacterized protein
F1SNY2	PIG 60S ribosomal protein L3
P80230	PIG Enhancer of rudimentary homolog (Fragment)
Q9BSI4	HUMAN TERF1-interacting nuclear factor 2
P34935	PIG 78 kDa glucose-regulated protein (Fragment)
F1SCY1	PIG Uncharacterized protein (Fragment)
F1SKJ1	PIG Uncharacterized protein
K7GLW0	PIG Uncharacterized protein
I3LUC8	PIG Uncharacterized protein
Q92734	HUMAN Protein TFG
P67936	HUMAN Tropomyosin alpha-4 chain
F1RUW3	PIG Uncharacterized protein

NA	0.5	1.0	0.9	2.0	-0.7	-0.8	0.8	0.5	1	1
BST2	0.7	1.3	1.1	1.3	0.8	0.9	0.5	3.8	2	1
NA	-0.8	0.6	1.5	3.1	0.9	0.6	-1.0	-1.7	3	1
NME1	0.9	0.8	1.2	1.5	0.2	0.3	-0.3	-0.5	4	1
EMC1	3.2	1.5	0.1	-0.4	-0.6	-0.5	-0.3	-0.1	1	1
NA	2.0	1.0	0.6	0.8	1.7	-0.4	-1.1	-0.6	2	1
CP alpha1	0.6	0.7	1.5	1.5	0.5	0.5	0.9	1.1	6	4
COPB2	1.0	0.8	1.1	1.4	1.2	2.7	0.8	0.6	9	3
NA	1.3	1.3	1.0	0.7	-0.3	-1.2	2.3	-0.4	2	1
EXD1	2.4	1.0	0.5	0.4	2.3	0.1	-0.1	-0.1	1	1
FGB	-0.2	1.5	1.0	1.9	0.2	1.1	3.3	5.0	1	1
NA	0.9	0.9	1.3	1.1	1.0	1.0	-0.3	-0.6	6	2
EIF3L	1.2	0.7	1.1	1.3	-0.4	-0.6	-0.1	0.7	6	2
PARP14	0.1	0.8	1.8	1.6	-0.5	0.5	3.1	3.3	1	1
ANO4	1.9	1.4	0.6	0.3	1.2	1.4	0.8	-1.6	1	1
OAS2	1.6	1.5	0.7	0.4	1.7	3.3	0.8	0.2	1	1
CALR	-0.6	0.8	1.9	2.2	0.7	0.5	-1.2	-1.6	22	12
RPS19	0.1	0.6	1.7	1.8	-0.2	0.7	0.5	0.6	9	8
NA	1.1	0.9	1.1	1.0	1.5	1.8	0.7	-0.5	10	3
FGB	3.8	0.6	0.0	-0.2	0.5	-0.7	-0.6	-1.1	2	1
TUBB2A	0.9	0.4	1.1	1.8	1.5	1.9	-0.3	0.6	2	2
ATP11A	0.1	1.0	1.9	1.1	-0.3	-0.6	0.5	0.8	1	1
TMED5	1.1	1.1	0.8	1.3	0.0	-0.7	0.6	-1.3	1	1
NA	1.2	0.5	1.2	1.2	1.0	0.2	0.7	0.0	1	1
LOC100513346	1.5	1.5	0.6	0.5	3.0	9.1	2.1	-1.1	6	1
DPT	1.0	1.1	0.6	1.4	1.1	0.7	0.1	-0.2	2	1
SLC44A2	3.3	0.6	0.0	0.2	0.5	-0.2	0.7	0.8	1	1
FAM211B	2.2	1.1	0.4	0.4	0.4	0.0	1.1	-0.4	1	1
LOC100737421	1.0	0.8	1.0	1.4	-0.3	0.8	0.0	-0.2	3	3
RPL3	-0.1	0.1	1.7	2.4	-0.3	0.0	0.8	0.6	11	5
ERH	0.9	0.4	1.3	1.6	0.3	0.2	1.1	0.0	2	2
TINF2	0.0	1.4	2.0	0.7	0.1	0.1	2.3	1.9	1	2
HSPA5	-0.2	1.1	1.5	1.8	0.9	0.9	0.0	-0.4	8	8
IFIT1	0.9	0.6	1.3	1.3	1.0	0.2	0.2	0.5	7	3
MYH9	0.4	0.6	1.2	2.0	-0.6	-0.4	-0.6	0.3	70	40
GK	1.5	1.6	0.9	0.2	-0.4	-0.7	-0.3	-0.7	3	6
LOC100154783	0.2	0.5	1.3	2.1	-0.6	-0.4	-0.2	0.6	10	8
TFG	0.8	0.9	1.3	1.1	1.5	0.9	0.7	-1.2	3	3
TPM4	0.3	0.9	0.9	2.1	1.5	1.2	0.1	-0.3	7	1
TOMM6	2.2	1.0	0.5	0.4	2.1	2.5	1.6	-0.6	2	1

I3L4N8	HUMAN Actin, cytoplasmic 2, N-terminally processed (Fragment)
A7KZR3	PIG Cytochrome P450 (Fragment)
F15HD6	PIG Uncharacterized protein
P62306	HUMAN Small nuclear ribonucleoprotein F
I3LJ42	PIG Guanine nucleotide-binding protein subunit gamma
Q000H8	PIG Glutathione S-transferase mu 2 (Fragment)
I3LPG3	PIG UDP-glucose ceramide glucosyltransferase
F1RVP8	PIG Uncharacterized protein
C3RZ98	PIG Protein arginine methyltransferase 5
Q6Q2J0	PIG Amine oxidase [flavin-containing] A
I3LK59	PIG Enolase
P62318	HUMAN Small nuclear ribonucleoprotein Sm D3
U5IT50	HUMAN MHC class I antigen (Fragment)
F1SR76	PIG Uncharacterized protein
F153H9	PIG Uncharacterized protein (Fragment)
O00291	HUMAN Huntingtin-interacting protein 1
Q8IUE6	HUMAN Histone H2A type 2-B
P00339	PIG L-lactate dehydrogenase A chain
K7GQP1	PIG Uncharacterized protein
G9JM01	PIG Tumor susceptibility 101 protein
Q7Z2K5	HUMAN Beta-globin (Fragment)
I3LN84	PIG Uncharacterized protein
I3LQF8	PIG Uncharacterized protein
F1RZ06	PIG Uncharacterized protein (Fragment)
A5A8Y6	PIG 1-acylglycerol-3-phosphate O-acyltransferase 1 (Acetoacetyl Coenzyme A thiolase) (Fragment)
F1RMJ4	PIG Uncharacterized protein
K7GMF6	PIG Uncharacterized protein
F1SAD9	PIG Uncharacterized protein
E1CAJ6	PIG Protein disulfide isomerase P5
A4US67	PIG Paraoxonase
F1S5P2	PIG Uncharacterized protein
Q9UHD9	HUMAN Ubiquilin-2
Q9Y2W3	HUMAN Proton-associated sugar transporter A
Q59FH9	HUMAN Zinc finger protein 42 isoform 2 variant (Fragment)
K9IVP5	PIG N-myosin-9
Q29376	PIG Calmodulin (Fragment)
P56941	PIG Niemann-Pick C1 protein
B5APU4	PIG Actin-related protein 3-like protein
I3L810	PIG Uncharacterized protein
Q29329	PIG Small nuclear ribonucleoprotein Sm D2 (Fragment)

ACTG1	1.8	2.3	0.2	-0.2	2.1	3.4	-0.3	-2.0	1	1
CYP8A1	1.2	0.4	0.8	1.6	0.2	-0.5	0.1	0.4	3	2
EEF1B2	0.1	0.8	1.6	1.5	0.6	1.2	-0.6	-0.6	5	1
SNRPF	0.7	0.6	1.5	1.3	0.8	0.4	1.6	1.7	2	2
GNG2	0.7	1.8	1.4	0.1	-0.2	0.2	2.0	1.9	2	1
NA	1.9	1.8	0.1	0.2	0.3	0.6	-0.8	-0.7	2	2
UGCG	-0.6	2.2	2.1	0.3	-1.0	-1.0	-0.3	-1.0	1	1
TCIRG1	0.8	1.1	0.7	1.4	-1.7	-0.8	-0.7	-1.2	1	1
PRMT5	1.2	1.3	1.0	0.5	0.3	4.6	0.7	0.2	2	1
MAOA	1.9	1.0	0.5	0.6	0.1	0.1	-1.7	-0.7	2	2
ENO1	-0.2	0.7	1.6	1.9	-0.7	-0.6	0.2	-0.2	15	9
SNRPD3	0.4	0.9	1.2	1.4	0.0	0.4	-0.4	-0.3	3	2
HLA-A	-0.9	2.3	2.9	-0.3	-1.1	-0.8	0.5	1.1	1	1
DNPEP	1.2	1.2	0.9	0.7	1.7	2.0	1.2	0.6	1	2
NA	0.9	1.5	1.4	0.1	-0.9	-0.8	-1.1	-0.1	1	1
HIP1	1.0	1.5	1.1	0.4	0.3	0.5	-1.6	-0.9	1	1
HIST2H2AB	1.4	1.5	0.7	0.4	-0.1	0.1	0.7	0.0	1	1
LDHA	-0.2	0.0	2.0	2.2	0.7	0.5	2.7	1.9	19	14
LOC100518277	1.9	1.2	0.8	0.1	1.2	1.0	0.8	-0.8	1	1
NA	2.7	0.6	0.4	0.2	0.5	2.0	-1.4	-0.3	3	1
HBB	1.6	0.9	0.9	0.6	0.9	0.5	2.2	0.9	1	1
LXN	0.9	1.4	0.7	1.0	1.8	1.2	0.4	-1.7	3	1
YBX3	0.3	0.5	1.4	1.8	-0.1	0.2	0.5	2.1	1	1
MXRA5	1.1	0.7	0.9	1.3	-0.9	-0.7	0.2	-0.5	11	2
AGPAT1	2.0	1.3	0.5	0.1	2.2	2.0	0.0	0.5	1	1
IQGAP1	1.0	0.8	0.9	1.2	1.0	0.2	-1.0	-1.1	11	4
CD97	0.8	2.3	-0.2	1.0	0.7	-0.6	3.9	2.9	1	1
PDIA4	0.3	0.7	1.4	1.5	0.3	0.5	-0.1	1.0	20	13
pdi-p5	0.4	0.6	1.2	1.8	0.8	1.7	0.5	-0.1	16	6
PON1	1.5	1.4	1.0	0.1	1.1	0.1	-1.7	-2.2	6	1
SLK	1.4	1.0	0.7	0.8	2.2	0.2	-0.6	1.1	5	4
UBQLN2	0.7	1.3	1.2	0.6	0.2	0.2	1.1	0.9	1	1
SLC45A1	2.9	1.5	-0.2	-0.3	1.9	0.1	-0.8	-0.6	1	2
NA	-1.1	4.0	1.2	-0.2	-1.9	0.2	-1.7	-2.1	1	1
MYH9	0.3	0.4	1.2	2.0	0.0	-0.4	-0.8	0.6	14	9
NA	-0.4	1.5	1.3	1.4	1.4	0.4	-1.0	-4.2	2	1
NPC1	3.1	0.9	0.1	-0.2	3.7	-0.3	0.2	-0.2	2	1
NA	0.4	0.8	1.3	1.4	-0.1	0.4	-1.0	-0.2	9	5
HNMT	0.3	0.4	1.5	1.7	-0.3	-0.3	-2.2	-1.3	5	1
SNRPD2	0.9	0.7	1.0	1.4	1.1	0.2	0.4	-0.4	2	1

O15083	HUMAN ERC protein 2
I3LGB3	PIG Uncharacterized protein (Fragment)
Q8N715	HUMAN Uncharacterized protein C1orf65
F1RMZ8	PIG Uncharacterized protein
Q9TTA0	PIG Heat shock protein 47 (Fragment)
Q9XSW7	PIG Cyclic nucleotide phosphodiesterase PDE3A
F1SH96	PIG Uncharacterized protein
I3L6X7	PIG Uncharacterized protein
A7VK00	PIG Interferon-induced GTP-binding protein Mx2
P49720	HUMAN Proteasome subunit beta type-3
B6ICW2	PIG SLA-1 histocompatibility antigen, class I
F1SD70	PIG Uncharacterized protein
F1SGP8	PIG Uncharacterized protein
Q8NBS9	HUMAN Thioredoxin domain-containing protein 5
I3LM34	PIG Uncharacterized protein
D3K5N7	PIG ELAV (Embryonic lethal, abnormal vision, Drosophila)-like 1
F1SIL5	PIG Uncharacterized protein
A5D9J3	PIG Transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)
F1S666	PIG Uncharacterized protein
F1S2E5	PIG 40S ribosomal protein S24
F1RS36	PIG 78 kDa glucose-regulated protein
P30043	HUMAN Flavin reductase (NADPH)
F1RLT1	PIG Uncharacterized protein (Fragment)
A6XAC5	PIG Protein phosphatase 2A regulatory subunit B B56 alpha isoform
F1SMN1	PIG Uncharacterized protein (Fragment)
G9F6X8	PIG Prolyl 4-hydroxylase beta polypeptide
F1RW78	PIG Uncharacterized protein
K7GM18	PIG Uncharacterized protein
I3LH19	PIG Uncharacterized protein
B5APU7	PIG Actin related protein 2/3 complex subunit 2
F1SIH5	PIG Uncharacterized protein
Q9H299	HUMAN SH3 domain-binding glutamic acid-rich-like protein 3
Q06AT6	PIG RHOG
F1S5A8	PIG Uncharacterized protein
K7GQL8	PIG Uncharacterized protein (Fragment)
O00299	HUMAN Chloride intracellular channel protein 1
I3L9V2	PIG Uncharacterized protein
I3L8F7	PIG Uncharacterized protein
P08132	PIG Annexin A4
F1S433	PIG Uncharacterized protein

ERC2	0.9	0.7	1.1	1.2	-0.5	-0.2	-0.9	-1.1	1	1
LSM2	1.5	1.1	1.0	0.2	2.8	4.4	5.3	-0.4	1	1
C1orf65	1.1	0.9	1.0	0.9	0.0	-0.1	-0.4	-0.8	2	1
ATP6V1B2	0.7	1.1	1.3	0.7	-0.8	-1.1	-0.7	-1.4	6	1
NA	-0.2	0.2	1.5	2.3	-0.1	1.2	1.9	0.3	6	4
NA	2.7	0.2	0.7	0.2	0.0	-0.2	0.1	1.1	2	7
NA	1.1	0.8	1.0	0.9	0.5	0.4	0.4	-0.4	3	1
SNF8	1.0	1.0	1.0	0.8	0.4	0.1	-0.1	-0.5	1	3
MX2	1.3	0.6	0.9	1.0	3.5	1.1	0.6	1.3	10	1
PSMB3	0.5	1.2	1.6	0.4	0.2	-0.6	1.3	-0.7	2	1
SLA-1a	0.7	0.3	1.7	1.1	1.8	0.8	1.3	1.2	3	1
LGMN	0.9	0.4	1.0	1.5	2.1	2.2	-0.2	-1.4	1	1
RCN1	0.3	0.2	1.0	2.3	1.6	1.5	1.4	1.0	12	1
TXNDC5	0.0	0.8	1.1	1.9	0.3	0.4	0.6	-1.2	6	1
ADPRHL1	1.9	0.8	0.5	0.5	1.2	1.2	0.9	0.0	2	6
ELAVL1	1.3	0.9	0.7	0.9	-0.2	0.1	0.0	-0.3	4	4
VPS13A	1.4	1.2	0.6	0.6	0.9	0.7	0.0	0.2	2	1
TAP1	1.4	1.5	0.8	0.0	1.8	2.7	1.4	-0.2	5	2
NA	1.1	0.9	0.9	0.9	1.5	0.9	0.6	-1.0	12	6
RPS24	1.8	0.8	0.4	0.8	0.3	0.2	-0.6	-0.6	4	2
HSPA5	0.4	0.9	1.2	1.3	1.1	1.2	0.0	-0.8	28	22
BLVRB	1.0	1.7	1.1	0.0	-0.1	0.3	-1.8	-2.8	2	1
NA	1.1	0.9	0.9	0.9	-0.1	-1.5	-2.2	-1.4	1	1
PPP2R5A	1.6	0.8	0.8	0.6	1.1	1.1	1.1	1.2	1	2
CALU	0.8	1.3	0.6	1.0	1.7	0.4	-1.1	-1.7	11	2
NA	-0.1	0.4	1.4	2.1	0.5	-0.2	-1.3	-1.9	29	15
SSR1	0.5	1.0	1.1	1.1	2.4	2.0	-0.1	-0.7	4	1
MAFF	0.4	0.9	1.2	1.2	0.0	0.2	-0.6	-0.8	1	1
MUL1	1.7	1.5	0.4	0.0	0.5	-0.7	-2.1	-1.0	1	1
NA	-0.2	0.6	1.5	1.8	-0.8	-0.1	-0.4	0.1	4	1
STOML2	1.6	1.4	0.3	0.4	1.6	1.1	-0.5	-1.7	7	5
SH3BGRL3	0.8	1.1	1.0	0.7	0.9	0.6	0.2	0.3	3	1
NA	0.2	0.2	1.5	1.8	-0.6	-0.2	-0.3	-0.1	5	1
DHX15	1.3	0.8	0.9	0.6	-0.1	0.5	0.2	-0.2	3	1
CLTC	0.9	0.5	1.0	1.3	0.2	0.1	-0.4	0.1	33	25
CLIC1	-0.2	0.3	1.4	2.2	0.1	0.4	-0.7	0.4	2	2
VAT1	0.9	0.5	0.7	1.5	0.7	0.7	-0.3	-0.1	12	5
NES	0.3	0.6	1.4	1.3	-0.6	-1.5	-4.6	-3.3	5	1
ANXA4	0.4	0.7	1.1	1.5	0.0	-0.6	0.1	-1.1	13	3
LOC100525224	0.6	1.2	1.1	0.8	-0.9	-1.8	-1.2	-1.6	1	6

Q52NJ5	PIG ADP-ribosylation factor-like protein 1
F1SHR3	PIG Uncharacterized protein
Q45FY6	PIG Hypoxanthine-guanine phosphoribosyltransferase
I3L7C9	PIG Uncharacterized protein (Fragment)
F1RKQ4	PIG Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing)
A1XQV4	PIG Tropomyosin alpha-3 chain
F1STS9	PIG Uncharacterized protein (Fragment)
F1SPF6	PIG Uncharacterized protein
F1SBA5	PIG Proteasome subunit alpha type
I3LDT1	PIG Uncharacterized protein
O77735	PIG Secretory carrier-associated membrane protein 1
F1S2B6	PIG Biglycan (Fragment)
D3DXT7	HUMAN Collagen, type I, alpha 1, isoform CRA
Q9H5Z6	HUMAN Protein FAM124B
I3LG96	PIG Uncharacterized protein (Fragment)
A7WLI1	PIG CD81
F1RIF8	PIG 6-phosphogluconate dehydrogenase, decarboxylating (Fragment)
F1RGQ6	PIG Uncharacterized protein (Fragment)
I3L677	PIG Glucose-6-phosphate 1-dehydrogenase (Fragment)
P68402	HUMAN Platelet-activating factor acetylhydrolase IB subunit beta
P10668	PIG Cofilin-1
F1S4Z2	PIG Uncharacterized protein
F1RMT1	PIG Uncharacterized protein
P63173	HUMAN 60S ribosomal protein L38
F1SA28	PIG Uncharacterized protein
F1S6G4	PIG Uncharacterized protein (Fragment)
F1SST9	PIG Uncharacterized protein
ASA767	PIG Adaptor-related protein complex 3, beta-1 subunit
P62244	HUMAN 40S ribosomal protein S15a
F1SMC0	PIG Adenylyl cyclase-associated protein (Fragment)
F1RRK9	PIG Uncharacterized protein
F1SFJ8	PIG Uncharacterized protein
P21333	HUMAN Filamin-A
Q9UP79	HUMAN A disintegrin and metalloproteinase with thrombospondin motifs 8
F1RIW4	PIG Uncharacterized protein
Q29284	PIG Heat shock protein HSP 90-beta (Fragment)
Q9Y468	HUMAN Lethal(3)malignant brain tumor-like protein 1
F1SK12	PIG Uncharacterized protein
Q96M60	HUMAN Protein FAM227B
I3L5C7	PIG Uncharacterized protein

ARL1	0.1	0.8	1.3	1.4	-0.2	0.4	-1.3	-0.4	2	2
ATP6V1E1	0.5	0.6	1.1	1.4	1.6	2.7	3.7	0.5	5	1
HPRT1	0.3	1.7	0.7	0.9	1.3	0.8	1.1	-0.6	3	3
BRCA1	1.5	1.1	0.7	0.3	-0.1	-0.4	-2.5	-3.8	1	1
DAK	1.5	0.7	0.7	0.6	0.9	1.3	1.0	-1.3	8	2
TPM3	0.8	1.7	1.1	0.1	3.2	2.3	-1.1	-5.6	8	3
NA	0.9	0.8	0.8	1.1	0.8	0.6	0.7	1.4	3	1
LOC100518399	0.8	1.0	0.8	1.0	-0.9	0.0	-1.2	-1.1	3	1
PSMA8	0.3	0.7	1.5	1.1	0.1	0.0	0.7	-0.4	2	3
CD3EAP	0.6	0.8	1.1	1.1	1.3	1.4	1.3	1.2	1	1
SCAMP1	0.7	0.8	1.4	0.7	1.5	1.0	0.5	0.6	1	1
BGN	-0.1	0.3	1.2	2.2	-0.4	0.4	0.4	0.9	4	2
COL1A1	-0.2	1.2	0.8	1.9	1.8	2.8	0.8	1.4	2	2
FAM124B	1.4	2.1	0.2	-0.2	-0.8	-1.9	-1.0	0.2	1	1
NA	1.3	0.8	0.8	0.8	1.4	1.8	-1.3	-2.1	1	1
CD81	1.1	0.9	0.8	0.9	0.5	1.1	0.3	1.7	1	1
PGD	0.0	1.0	1.2	1.4	-1.2	-0.6	-1.2	-0.5	7	5
ANKFY1	0.8	0.8	1.1	0.9	0.1	0.4	1.2	2.1	1	2
G6PD	0.2	1.0	1.3	1.1	0.6	-0.4	-0.8	1.3	13	2
PAFAH1B2	0.7	1.1	1.0	0.7	0.9	1.5	0.0	-1.1	3	2
CFL1	-0.2	0.3	1.5	2.0	0.3	0.2	-0.4	-0.7	8	9
CHMP4B	0.5	1.2	1.2	0.7	1.4	2.3	0.2	-0.3	3	1
PVR	1.8	1.5	0.4	-0.2	2.4	0.7	0.1	-0.6	1	1
RPL38	0.0	0.3	1.2	2.0	-1.0	-0.8	-1.7	-0.8	5	2
ECSIT	1.0	0.7	1.0	0.9	0.1	0.9	0.5	-0.1	1	1
TXNDC12	0.0	1.1	1.1	1.3	-0.7	0.0	0.5	0.9	3	2
PIKFYVE	1.2	1.3	0.5	0.4	-2.2	-1.1	-2.7	0.2	1	1
AP3B1	1.4	1.4	0.7	0.1	-0.4	0.5	-0.5	-1.0	1	1
RPS15A	0.6	0.3	1.4	1.3	0.0	0.4	-0.1	0.2	4	4
CAP1	0.4	0.7	1.1	1.3	0.3	0.6	-0.9	-0.2	12	4
LOC100155084	0.9	0.6	0.9	1.1	0.5	1.0	0.8	1.4	6	2
DNAJB11	1.4	0.9	0.7	0.6	0.4	0.2	-0.9	-1.1	4	1
FLNA	-0.1	0.1	1.2	2.3	0.0	0.3	1.4	1.3	61	40
ADAMTS8	1.0	3.3	0.0	-0.8	-1.5	-1.6	-1.0	-0.7	1	1
DDX60	0.8	1.5	0.7	0.5	-0.4	-0.5	-0.3	0.9	1	1
NA	-0.5	0.6	2.0	1.4	-0.4	-0.1	0.6	0.6	2	2
L3MBTL1	4.7	1.3	-0.9	-1.6	0.0	0.3	0.2	1.1	1	1
MAP1B	0.7	0.4	0.8	1.6	0.0	0.9	-0.1	0.4	21	2
FAM227B	-0.3	2.1	2.0	-0.3	-1.0	-0.3	-0.7	-1.0	1	1
NA	0.6	0.6	0.9	1.4	0.8	0.2	0.7	1.6	6	2

Q56P20	PIG ADP-ribosylation factor 4
O15145	HUMAN Actin-related protein 2/3 complex subunit 3
F1SIP0	PIG Uncharacterized protein
F1RS37	PIG Uncharacterized protein
F1S0A2	PIG Peptidyl-prolyl cis-trans isomerase
I3LP25	PIG Uncharacterized protein
K9J6K2	PIG Utrophin
F1SPG0	PIG Uncharacterized protein (Fragment)
I3LRP1	PIG Uncharacterized protein (Fragment)
P01715	HUMAN Ig lambda chain V-IV region Bau
F1SLQ7	PIG Uncharacterized protein
F1RJX8	PIG Uncharacterized protein
F1STR1	PIG Uncharacterized protein
F1SMW9	PIG Uncharacterized protein
Q07065	HUMAN Cytoskeleton-associated protein 4
I3L742	PIG Uncharacterized protein
F1RRF0	PIG Oxysterol-binding protein
F2Z5D4	PIG Uncharacterized protein (Fragment)
P08134	HUMAN Rho-related GTP-binding protein RhoC
I3LDA8	PIG Uncharacterized protein (Fragment)
F1SD63	PIG Coiled-coil and C2 domain containing 1A
D2JYW3	PIG F-actin capping protein beta subunit variant I
Q86VQ0	HUMAN Lebercilin
O60662	HUMAN Kelch-like protein 41
I3LPM1	PIG Uncharacterized protein
F1S0Y1	PIG Uncharacterized protein (Fragment)
F1SGD7	PIG Uncharacterized protein
Q15814	HUMAN Tubulin-specific chaperone C
P14332	PIG 6-phosphogluconate dehydrogenase, decarboxylating (Fragment)
Q9NVJ2	HUMAN ADP-ribosylation factor-like protein 8B
I3LK51	PIG Uncharacterized protein (Fragment)
F1S1E7	PIG Uncharacterized protein
F1RU31	PIG Uncharacterized protein
Q29305	PIG Disulfide isomerase related protein (ERP72) (Fragment)
Q29384	PIG Proteasome subunit beta type-4 (Fragment)
F1S519	PIG Uncharacterized protein (Fragment)
Q68CN4	HUMAN Putative uncharacterized protein DKFZp686E23209
P62913	HUMAN 60S ribosomal protein L11
P61923	HUMAN Coatomer subunit zeta-1
F1RHE6	PIG Uncharacterized protein

ARF4	0.2	0.4	1.4	1.5	-0.4	0.3	0.0	0.9	6	5
ARPC3	0.4	0.3	1.1	1.7	0.4	0.1	0.3	-0.5	6	2
SEPT2	1.1	0.8	0.9	0.7	1.2	1.3	0.2	-0.4	5	4
POSTN	0.4	0.2	1.0	1.9	-0.3	0.3	0.9	1.5	19	2
LOC100737887	0.4	0.6	1.1	1.3	0.0	0.1	-0.3	0.2	4	1
NA	1.8	0.8	0.5	0.4	2.0	1.3	0.6	-0.8	1	1
UTRN	0.9	0.5	1.1	0.9	-0.4	-0.1	-0.2	0.8	2	2
RAB7A	0.7	0.7	1.1	0.9	0.8	1.5	0.1	0.0	7	3
NASP	1.0	0.7	1.1	0.7	0.5	0.1	-0.5	0.0	3	1
NA	1.1	0.6	1.4	0.4	-0.2	-1.1	0.8	-0.7	1	1
MRRF	1.8	2.0	0.0	-0.3	1.7	3.7	3.1	1.2	1	1
COPA	0.6	0.3	1.3	1.2	0.8	1.7	0.7	0.8	17	4
CTSC	0.0	0.2	1.5	1.8	0.4	0.7	0.7	-0.6	4	3
PSMD1	1.1	0.7	0.8	0.8	-0.7	-0.3	-1.2	0.3	6	7
CKAP4	0.7	0.4	1.0	1.4	1.0	0.9	-0.3	0.3	7	2
LOC100518219	1.4	1.2	0.8	0.1	1.2	1.1	-0.4	-1.0	3	2
OSBPL10	0.6	1.0	0.9	0.9	-1.2	0.3	-1.5	-0.5	1	1
SYNCRIP	1.0	0.7	0.8	0.9	0.5	0.8	-0.8	-1.2	12	4
RHOC	0.0	0.1	1.4	2.0	1.1	0.6	0.8	0.8	3	3
IQGAP1	0.5	0.5	1.1	1.3	-0.1	-0.6	-1.1	0.2	28	10
CC2D1A	0.5	1.2	1.6	0.2	3.4	11.4	14.9	2.0	3	1
CAPZB	0.4	0.5	1.3	1.2	0.2	0.6	0.8	0.0	1	1
LCA5	-0.6	1.2	1.5	1.2	4.4	3.4	1.5	0.3	3	1
KLHL41	0.9	0.6	1.1	0.8	0.0	0.0	0.6	0.4	1	4
TMEM70	1.3	1.3	0.5	0.3	0.5	0.5	1.0	0.1	2	2
HMCN2	1.0	0.7	0.7	1.0	-0.2	-0.4	0.0	0.5	2	2
NAP1L1	0.7	1.2	0.8	0.7	0.6	0.2	-2.6	-1.7	3	1
TBCC	1.6	1.6	0.5	-0.3	2.1	1.9	0.1	0.9	1	1
PGD	0.4	0.7	1.1	1.1	-0.3	-0.9	-0.3	-0.2	7	1
ARL8B	1.5	-0.1	0.6	1.3	-0.4	-0.3	-0.5	-0.2	3	2
NA	0.6	0.2	1.0	1.5	0.2	0.3	-0.7	-0.9	3	3
DPYS	0.1	0.6	1.6	1.1	3.6	0.3	1.7	2.9	1	1
SART1	2.0	0.2	0.6	0.5	1.3	0.6	0.6	0.5	2	1
NA	0.5	0.5	1.1	1.3	1.2	1.7	0.7	0.5	5	3
PSMB4	1.3	0.5	0.8	0.8	-1.6	-1.6	0.4	0.2	2	1
KIF3B	0.9	0.6	0.9	1.0	-0.7	-1.2	-1.6	-1.1	1	2
DKFZp686E23209	0.4	0.9	1.2	0.8	-0.3	-1.6	0.7	-0.6	1	1
RPL11	0.8	-0.2	0.6	2.0	-0.1	-1.2	-2.1	-0.9	1	1
COPZ1	0.6	1.0	0.8	1.0	1.1	0.2	0.2	0.1	5	1
KCTD12	0.6	0.5	1.0	1.2	1.3	2.3	1.6	-0.9	10	3

F1SSF7	PIG Uncharacterized protein
F1SR70	PIG Uncharacterized protein
I3L6Q5	PIG Uncharacterized protein
Q59IP1	PIG Procollagen alpha 3(V)
K9IWI4	PIG Talin-1
F1SNE9	PIG Coatomer subunit gamma
A7KZR6	PIG Cytochrome P450 (Fragment)
I3LPP4	PIG Uncharacterized protein (Fragment)
K7GSG9	PIG Uncharacterized protein
F1RLI6	PIG Solute carrier family 25, member 46
F1SNC2	PIG Guanine nucleotide-binding protein subunit gamma
Q764M5	PIG Signal transducer and activator of transcription 1
Q06AA3	PIG Regucalcin
F1SQ11	PIG Uncharacterized protein (Fragment)
F1S2Q3	PIG Uncharacterized protein
M3V7X9	PIG Lectin, galactoside-binding, soluble, 3 binding protein
P08758	HUMAN Annexin A5
F1RY58	PIG Uncharacterized protein
F1RLI9	PIG Uncharacterized protein (Fragment)
Q9NWX4-4	HUMAN Isoform 4 of G patch domain-containing protein 2-like
I3LI24	PIG Guanine nucleotide-binding protein subunit beta-2-like 1
P19620	PIG Annexin A2
O00469	HUMAN Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2
Q6NSI1	HUMAN Putative ankyrin repeat domain-containing protein 26-like protein
F1SDR7	PIG Uncharacterized protein
F1RK00	PIG Uncharacterized protein
B1PK15	PIG Beta-hexosaminidase
P55735	HUMAN Protein SEC13 homolog
F1RWY9	PIG Uncharacterized protein
Q96QK1	HUMAN Vacuolar protein sorting-associated protein 35
Q6P0N0	HUMAN Mis18-binding protein 1
Q29099	PIG Polypyrimidine tract-binding protein 1
P55060	HUMAN Exportin-2
F1RGA9	PIG Coronin (Fragment)
F1SF55	PIG Uncharacterized protein (Fragment)
F1SI65	PIG Uncharacterized protein
F1SD97	PIG Uncharacterized protein
F1SGC8	PIG Uncharacterized protein (Fragment)
E7EI20	PIG Rho GDP dissociation inhibitor alpha
F2Z5H8	PIG Uncharacterized protein (Fragment)

AEBP1	0.1	0.4	0.7	2.0	0.5	1.5	0.9	1.4	1	1
LOC100524650	0.2	0.6	1.5	1.0	-0.7	-0.4	1.0	-0.8	2	2
HIST1H1B	-0.3	0.7	1.3	1.6	0.2	0.7	2.3	3.8	4	4
COL5A3	-0.1	0.7	1.0	1.7	-0.7	-0.7	-0.9	-0.4	3	2
TLN1	-0.2	-0.1	1.5	2.2	0.6	0.4	0.6	1.8	2	2
COPG2	-0.3	0.6	1.1	2.0	-0.6	0.2	-1.3	-1.8	1	1
CYP27A1	0.8	1.3	0.9	0.3	1.4	2.0	0.2	-0.3	1	1
CSE1L	0.8	0.5	0.8	1.2	-1.7	-2.3	-1.7	-1.2	3	1
CXCL17	0.1	0.9	1.4	0.7	0.3	-0.3	-0.4	-1.4	1	1
SLC25A46	1.8	0.8	0.6	0.0	0.2	-0.6	-1.4	-1.3	4	4
GNG10	0.0	0.5	1.4	1.3	0.4	-0.2	0.3	0.7	1	1
STAT1	1.1	0.3	0.8	1.0	1.3	0.6	-0.1	0.4	14	12
RGN	2.7	0.9	0.0	-0.3	3.5	4.2	2.7	-1.1	1	1
EEA1	0.8	0.7	0.8	1.0	1.3	1.2	2.3	1.9	11	1
TMED10	0.8	0.7	0.8	0.8	-0.7	-0.9	-0.6	-0.1	6	3
LGALS3BP	1.1	0.1	0.8	1.2	1.1	1.4	1.1	1.0	6	2
ANXA5	-0.4	0.9	1.2	1.6	-0.7	0.1	0.4	0.7	3	3
NDUFAF6	0.6	0.4	0.8	1.5	-0.1	-0.2	-0.4	-1.1	1	2
COL4A2	0.3	0.5	1.0	1.4	-0.7	-1.4	-1.9	-0.8	4	2
GPATCH2L	2.1	1.1	0.1	-0.2	1.0	0.9	-0.2	-0.8	1	1
GNB2L1	0.3	0.0	1.3	1.7	0.0	0.1	-0.1	0.7	8	7
ANXA2	-0.1	0.4	1.2	1.8	0.1	0.4	0.6	0.5	32	24
PLOD2	0.6	0.4	0.9	1.4	-1.1	-1.7	-0.6	-0.9	1	1
ANKRD26P1	-0.3	0.1	1.3	2.0	-0.2	-0.2	-0.5	-1.1	1	1
YWHAB	0.5	0.4	1.0	1.3	0.9	0.8	0.6	-0.6	8	7
ZC3H13	1.3	1.2	0.4	0.2	-0.1	-0.2	0.0	0.9	1	1
NA	0.5	0.6	0.8	1.3	0.6	1.1	0.6	-0.7	5	1
SEC13	0.5	0.2	0.9	1.6	0.7	0.5	0.5	0.0	3	1
PSMG4	1.1	1.2	0.7	0.1	1.6	1.3	-0.3	-0.6	1	1
VPS35	0.8	0.6	0.7	1.0	1.5	3.3	0.1	0.7	2	2
MIS18BP1	-0.2	1.2	1.4	0.7	-2.5	-2.7	0.3	0.8	1	1
PTBP1	-0.2	0.5	1.2	1.6	-0.4	1.3	0.4	0.4	6	2
CSE1L	0.9	1.0	0.6	0.6	0.2	0.2	0.5	0.7	4	3
CORO1C	0.5	0.2	1.0	1.4	-1.5	-1.0	-0.7	-0.1	7	3
TENC1	0.7	0.6	1.2	0.6	-0.6	0.1	-0.4	-0.1	1	1
NA	0.1	0.6	0.9	1.5	-2.6	-2.2	-2.2	-1.0	2	1
FARSA	1.8	0.4	0.3	0.6	2.6	1.2	0.8	0.7	3	2
ACTL6A	1.7	1.2	0.2	0.0	1.1	0.7	0.8	1.1	1	1
ARHGDI	0.1	0.1	1.2	1.7	-0.1	0.0	-0.2	-0.9	11	7
BTF3	0.7	0.6	0.9	0.8	1.1	1.2	1.7	0.5	6	1

F1S340	PIG Uncharacterized protein
F1RRD3	PIG Uncharacterized protein
F1S754	PIG Signal recognition particle receptor subunit alpha
L8B0W9	PIG IgG heavy chain
Q9UK96	HUMAN F-box only protein 10
Q29021	PIG Apolipoprotein B (Fragment)
F1RGP1	PIG Uncharacterized protein
Q14247	HUMAN Src substrate cortactin
Q92900	HUMAN Regulator of nonsense transcripts 1
Q562Z4	HUMAN Actin-like protein (Fragment)
F1RLD2	PIG Uncharacterized protein
Q6PEW1	HUMAN Zinc finger CCHC domain-containing protein 12
I3LT08	PIG Uncharacterized protein
P68104	HUMAN Elongation factor 1-alpha 1
F1RR44	PIG Uncharacterized protein
P00761	PIG Trypsin
Q14979	HUMAN Heterogeneous nuclear ribonucleoprotein D-like
Q5HYI7	HUMAN Metaxin-3
F1RQJ4	PIG Uncharacterized protein
I3LHI0	PIG Uncharacterized protein
P37176	PIG Endoglin
P50552	HUMAN Vasodilator-stimulated phosphoprotein
F1SFF6	PIG Uncharacterized protein
P02751	HUMAN Fibronectin
G9FSR3	PIG Non-muscle myosin heavy chain II A (Fragment)
F1S4D7	PIG Uncharacterized protein
F1RFY1	PIG Profilin
F1S935	PIG Uncharacterized protein
F1S775	PIG Uncharacterized protein
P83916	HUMAN Chromobox protein homolog 1
P07477	HUMAN Trypsin-1
F1S0P3	PIG C-type natriuretic peptide
F1SUW3	PIG Uncharacterized protein
D2WKD8	PIG Sodium/potassium-transporting ATPase subunit alpha-2
F1RQ06	PIG Peptidyl-prolyl cis-trans isomerase
Q95831	HUMAN Apoptosis-inducing factor 1, mitochondrial
F1S365	PIG Uroporphyrinogen decarboxylase
F1S0A3	PIG Uncharacterized protein (Fragment)
O75330	HUMAN Hyaluronan mediated motility receptor
I3LDY4	PIG Uncharacterized protein (Fragment)

SRI	0.5	1.2	0.8	0.6	1.2	0.2	0.6	0.2	4	1
NAA15	-0.5	1.3	1.5	0.7	-0.1	0.1	-0.6	-0.3	2	2
SRPR	1.6	0.4	0.7	0.3	0.0	-1.3	0.4	2.1	3	1
IGHG	1.4	1.0	0.5	0.1	0.6	-0.2	2.2	-0.2	4	1
FBXO10	1.3	1.1	0.6	0.0	0.3	-0.2	1.1	1.1	1	1
APOB	1.1	0.6	0.9	0.5	0.5	-0.3	1.1	0.4	12	3
MYBBP1A	0.8	0.5	0.7	1.1	0.6	0.7	0.8	1.2	8	2
CTTN	0.7	0.5	0.9	0.9	0.8	-0.9	-0.4	-0.7	3	1
UPF1	0.9	0.8	0.8	0.6	-0.9	-0.6	0.2	1.2	2	1
ACT	0.9	0.8	0.5	0.8	-0.7	-0.7	-0.7	-0.6	3	2
SEMA6A	0.6	0.5	0.8	1.2	-0.8	-0.8	-0.4	0.2	1	1
ZCCHC12	2.7	2.0	-0.4	-1.2	3.9	5.5	-0.1	-1.2	1	1
LOC100737048	0.7	0.2	1.0	1.1	1.7	1.1	-0.6	-0.4	4	3
EEF1A1	-1.1	-0.1	1.9	2.4	-1.4	-0.3	2.6	3.3	1	1
PPP2R4	1.3	0.4	0.6	0.8	0.1	0.0	-0.1	0.5	3	2
NA	1.1	1.3	0.6	0.0	0.6	2.3	2.4	3.3	6	7
HNRNPDL	0.6	0.4	0.9	1.1	0.7	1.0	1.0	-1.1	2	2
MTX3	0.3	0.9	1.4	0.3	0.5	0.6	1.1	0.5	1	1
LOC100737246	1.1	0.8	0.7	0.5	-0.8	-0.7	-1.6	-0.6	6	1
KRT23	0.8	0.9	0.4	0.9	0.0	-1.1	3.0	7.7	1	1
ENG	1.1	1.1	0.6	0.1	1.2	2.0	0.9	-0.8	3	2
VASP	0.8	0.9	0.7	0.7	0.6	0.4	1.6	0.7	3	1
TMX1	1.1	0.6	0.7	0.6	0.4	0.5	-0.5	1.2	4	4
FN1	0.9	0.4	0.8	1.0	2.1	1.6	-0.2	0.5	5	1
NA	0.2	0.3	1.0	1.5	0.4	0.2	-0.5	0.6	27	18
GBP1	0.8	0.9	0.7	0.5	-0.1	0.6	-0.3	-0.4	4	3
PFN1	-0.2	0.2	1.5	1.5	-0.8	-0.1	0.3	0.4	9	8
RPL18A	0.2	0.8	0.9	1.1	-0.9	-0.2	0.1	-0.1	2	2
STT3A	0.3	0.5	1.1	1.2	-0.6	-0.1	-0.1	0.4	7	2
CBX1	0.7	1.4	1.0	-0.1	1.2	0.0	-1.0	-1.9	3	1
PRSS1	0.8	0.9	0.7	0.6	-0.7	0.4	1.4	2.0	1	1
CNP	0.6	0.7	0.8	0.9	0.6	0.9	-0.2	-0.4	2	1
EFHD2	0.0	0.4	1.2	1.4	0.5	1.3	0.3	0.3	10	2
ATP1A2	1.0	0.9	0.7	0.4	-0.5	0.8	0.1	-0.1	1	1
FKBP2	0.4	0.8	1.1	0.7	-0.1	0.1	0.1	-0.4	3	2
AIFM1	2.0	1.2	0.2	-0.4	-0.9	-0.1	-0.5	0.7	1	1
UROD	0.0	0.5	1.2	1.3	-0.2	0.1	-0.1	-0.1	1	1
SNX1	1.6	0.7	0.2	0.4	0.4	-0.3	-0.6	-0.5	3	1
HMMR	1.9	1.3	-0.1	-0.2	3.0	1.3	-0.1	0.0	2	1
VARS	1.4	0.5	0.4	0.7	0.5	0.7	0.1	-0.7	2	1

I3LE55	PIG Uncharacterized protein (Fragment)
I3LGP6	PIG Uncharacterized protein (Fragment)
I3LVP6	PIG Uncharacterized protein (Fragment)
Q9GL01	PIG Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2
F1SGS6	PIG Uncharacterized protein
Q8TF72	HUMAN Protein Shroom3
P52552	PIG Peroxiredoxin-2 (Fragment)
F1RW32	PIG Uncharacterized protein
Q15746	HUMAN Myosin light chain kinase, smooth muscle
F1SJJ5	PIG 60S ribosomal protein L4
Q4GWZ2	PIG 40S ribosomal protein SA
F1RZ70	PIG Uncharacterized protein
Q8N2S1	HUMAN Latent-transforming growth factor beta-binding protein 4
F1SII0	PIG Uncharacterized protein
F1REW9	PIG Uncharacterized protein
I3LER3	PIG Uncharacterized protein
L7PBE6	PIG T-complex protein 1 subunit epsilon
A6M929	PIG Eukaryotic translation initiation factor 4A isoform 2
Q06AU6	PIG Ras-related protein Rab-5A
F1RUN2	PIG Serum albumin
Q05193	HUMAN Dynamin-1
P50570	HUMAN Dynamin-2
I3LHM3	PIG Uncharacterized protein (Fragment)
F1RYI8	PIG Uncharacterized protein
F1SMM3	PIG Uncharacterized protein
P30041	HUMAN Peroxiredoxin-6
F1SPF9	PIG Uncharacterized protein (Fragment)
F1S4R5	PIG Uncharacterized protein (Fragment)
I3LN21	PIG Uncharacterized protein (Fragment)
P16469	PIG Arachidonate 15-lipoxygenase
P62312	HUMAN U6 snRNA-associated Sm-like protein LSM6
Q5PXT2	PIG LIM and cysteine-rich domains protein 1
M3TYC8	PIG DEAD (Asp-Glu-Ala-Asp) box helicase 1
Q5K4G2	PIG Lysosome-associated membrane glycoprotein 1
F1SIT7	PIG Uncharacterized protein
F1SBS1	PIG Uncharacterized protein (Fragment)
A5GFX7	PIG Cathepsin Z
F1S3M9	PIG Uncharacterized protein
F2Z5Q2	PIG Uncharacterized protein (Fragment)
M3UZ93	PIG Synaptogyrin

NA	1.0	0.9	0.9	0.1	-0.3	-0.9	1.0	1.1	1	2
TSTA3	1.5	0.8	0.3	0.4	0.9	0.6	-0.2	0.4	1	2
ANKLE2	1.1	1.0	0.6	0.3	-0.3	-1.0	-0.5	-0.2	1	1
RPN2	1.0	0.3	0.7	1.0	0.7	0.4	0.2	0.3	11	8
CAPRIN1	0.3	0.4	1.1	1.2	0.7	-0.1	-1.0	-0.8	4	1
SHROOM3	-0.5	1.4	1.1	0.9	-1.5	-0.7	-0.2	-0.4	1	1
PRDX2	-0.8	1.3	1.8	0.6	0.4	-0.6	-0.8	-3.8	8	7
SPARCL1	0.6	0.4	0.7	1.2	1.1	1.5	0.7	0.0	1	1
MYLK	0.8	0.5	0.4	1.2	1.1	0.4	-0.2	-0.6	2	1
RPL4	-0.1	0.2	1.2	1.6	-0.5	-0.4	-0.5	1.5	11	7
RPSA	0.3	0.2	1.2	1.3	0.1	0.7	-0.1	-1.0	8	5
SEC14L1	0.0	1.2	1.4	0.3	0.7	-0.9	0.3	0.8	1	1
LTBP4	1.5	1.9	-0.1	-0.4	-0.3	0.5	0.5	1.5	1	1
DNAJB5	-0.1	0.3	1.6	1.2	-1.6	-1.1	-0.9	0.2	1	1
DENR	0.9	0.4	0.6	1.0	2.9	2.7	1.2	2.2	3	1
LOC100620173	0.9	0.3	0.6	1.2	0.7	1.1	0.5	-0.1	1	1
CCT5	-0.2	0.2	1.4	1.4	0.1	0.5	0.6	1.3	4	2
EIF4A2	0.2	0.3	1.1	1.3	-0.1	0.2	-0.4	-0.3	13	11
RAB5A	1.2	0.5	0.6	0.6	-0.1	0.9	0.1	0.5	5	3
ALB	1.3	0.6	0.5	0.5	-0.4	-1.3	0.3	-1.6	2	1
DNM1	1.1	1.0	0.5	0.3	0.0	0.7	-0.4	-0.5	1	1
DNM2	0.3	0.6	0.8	1.1	0.0	0.9	0.7	0.4	1	1
TOP1	0.1	0.6	1.0	1.3	1.1	0.2	-0.4	0.5	3	1
COL3A1	0.0	0.0	1.0	1.8	0.7	0.8	0.7	1.6	7	2
RANBP6	3.0	0.2	0.3	-0.7	0.8	0.4	0.6	-0.6	1	2
PRDX6	0.9	1.6	0.5	-0.1	1.5	1.3	0.4	-3.3	1	1
COPG1	0.6	0.5	0.7	1.0	-0.2	0.6	0.7	-0.1	6	3
SRSF7	1.2	0.4	0.6	0.6	0.1	0.4	-0.2	-0.1	5	5
SEPHS1	1.9	1.0	-0.1	0.0	1.5	1.5	0.6	0.2	2	1
ALOX15	1.3	1.1	0.6	-0.2	0.7	1.0	-0.4	-0.6	4	1
LSM6	0.2	0.7	1.0	0.9	0.1	0.3	0.6	0.2	3	2
LMCD1	1.1	0.5	0.4	0.7	1.6	1.2	0.4	-0.2	4	3
DDX1	0.9	-0.1	1.1	1.0	0.2	0.1	0.1	-0.7	2	2
LAMP-1	0.2	0.7	1.0	1.0	0.9	1.0	-0.1	-0.2	3	2
LOC100523874	-0.2	0.1	1.5	1.4	0.9	-0.5	-2.9	-5.3	1	1
CSDE1	1.4	0.7	0.5	0.1	0.7	1.1	-0.6	-1.5	4	1
CTS2	0.2	-0.4	0.9	2.1	0.3	0.0	-0.2	0.6	4	1
EPB41L2	0.7	0.6	0.6	0.8	0.7	0.7	0.2	-1.4	18	11
RPL24	0.4	0.0	0.7	1.7	-0.4	0.6	0.2	1.2	6	4
SYNGR2	0.4	0.7	0.9	0.8	-0.2	0.3	1.3	0.8	2	1

F1RHM8	PIG Uncharacterized protein
Q14905	HUMAN Myosin heavy chain beta-subunit (Fragment)
I3LVI8	PIG 60S ribosomal protein L7a
I3LMH4	PIG Uncharacterized protein
P06702	HUMAN Protein S100-A9
A1XQR9	PIG Small nuclear ribonucleoprotein E
I3L7S4	PIG Uncharacterized protein
P54289	HUMAN Voltage-dependent calcium channel subunit alpha-2/delta-1
F1SSF5	PIG Uncharacterized protein
A2J1M5	HUMAN Rheumatoid factor RF-IP4 (Fragment)
F1SGS9	PIG Catalase
B5APV1	PIG Actin-related protein 2/3 complex subunit 5
L8AXK8	PIG IgG heavy chain
M3VJZ7	PIG LIM and SH3 protein 1
F2Z5R5	PIG Uncharacterized protein
Q6IAN0	HUMAN Dehydrogenase/reductase SDR family member 7B
F1S9S6	PIG Uncharacterized protein (Fragment)
I3LBZ1	PIG Uncharacterized protein (Fragment)
F1SEM9	PIG Uncharacterized protein
F1RX17	PIG Ubiquitin carboxyl-terminal hydrolase (Fragment)
F1RYI3	PIG Uncharacterized protein
A5A780	PIG Uncharacterized protein
Q7Z403	HUMAN Transmembrane channel-like protein 6
F1SJR7	PIG Uncharacterized protein
F1RQZ9	PIG Uncharacterized protein
K7GL95	PIG Uncharacterized protein
I3LLY9	PIG Uncharacterized protein (Fragment)
F1RWH4	PIG Uncharacterized protein (Fragment)
P09493-2	HUMAN Isoform 2 of Tropomyosin alpha-1 chain
K7GPQ7	PIG Uncharacterized protein (Fragment)
P29269	PIG Myosin regulatory light polypeptide 9
B1PK10	PIG Neutrophil cytosolic factor 2
P53027	PIG 60S ribosomal protein L10a (Fragment)
Q8MIZ3	PIG m7GpppX diphosphatase
Q6N089	HUMAN Putative uncharacterized protein DKFZp686P15220
Q8N503	HUMAN LOC100049716 protein (Fragment)
F1S021	PIG Uncharacterized protein (Fragment)
K9IWF9	PIG Ras GTPase-activating-like protein IQGAP1
K9J6J4	PIG Caspase-7 isoform alpha
Q29036	PIG Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1

RANBP1	0.0	0.5	1.2	1.1	2.2	1.2	1.3	-1.1	6	4
MYH7	1.5	0.5	0.1	0.7	-1.7	0.5	-2.5	-2.5	1	1
RPL7A	-0.1	0.6	0.9	1.4	-0.8	-1.0	0.0	0.6	3	2
EIF4G1	0.3	0.2	1.1	1.3	0.7	0.4	0.1	0.5	16	9
S100A9	0.5	1.2	0.8	0.3	0.7	-0.4	0.5	5.5	2	1
SNRPE	1.2	0.4	0.6	0.6	0.4	-0.1	-1.5	-2.3	2	2
CALD1	-0.3	-0.1	0.9	2.3	2.2	2.1	1.9	1.0	28	8
CACNA2D1	0.3	1.2	1.1	0.2	0.2	0.8	-0.3	-1.6	1	1
BLVRA	0.4	1.0	1.1	0.3	0.6	0.5	-0.4	0.3	2	1
NA	0.7	0.6	0.8	0.7	0.4	-0.9	1.2	1.3	2	1
CAT	0.6	1.1	0.9	0.2	-0.3	-0.4	-0.8	-0.7	3	3
NA	0.6	0.6	0.9	0.6	0.4	0.9	-0.5	0.3	2	3
IGHG	0.7	1.4	0.6	0.1	-0.2	-0.2	1.2	0.3	1	1
LASP1	0.2	0.3	1.0	1.3	1.1	1.1	0.3	-0.6	10	7
PDCD10	1.0	0.2	0.8	0.8	3.8	1.2	0.1	0.8	1	1
DHR57B	1.0	1.4	0.4	-0.1	-0.9	0.4	0.0	0.6	1	2
PGLS	0.3	0.9	0.8	0.7	0.9	0.2	0.0	-0.9	4	1
COL18A1	0.4	0.4	0.7	1.3	0.0	-0.3	-1.0	-2.0	6	6
SOGA1	1.0	1.4	0.4	0.0	-0.1	-0.5	-0.4	0.0	1	1
LOC100517440	2.9	0.3	-0.3	-0.1	0.4	0.5	0.0	1.2	2	3
CAND1	0.8	0.5	0.7	0.8	0.4	1.1	-0.2	-0.1	11	5
VPS33A	0.6	0.7	0.8	0.6	0.8	1.3	2.0	1.0	2	1
TMC6	1.5	0.5	0.4	0.4	-0.9	-0.5	-0.9	-0.2	2	1
TTL12	0.7	0.4	0.8	0.8	0.7	-0.1	0.3	0.3	8	1
EFTUD2	0.8	0.3	0.8	0.8	0.5	0.3	0.3	0.8	6	3
MAGOH	0.6	0.6	0.7	0.8	0.3	1.8	-0.6	-1.0	2	2
NA	1.2	0.8	0.4	0.4	-0.3	-1.3	-0.9	0.4	3	2
COPZ2	0.5	0.8	0.7	0.8	0.6	0.6	0.0	-0.3	2	1
TPM1	0.4	0.6	0.5	1.3	1.1	1.0	0.3	-0.8	3	1
AGT	1.2	0.8	0.4	0.3	0.7	-0.3	-0.8	-0.6	5	1
MYL9	0.1	0.9	0.6	1.0	1.3	0.6	-1.1	-2.0	10	8
NA	0.7	0.3	1.0	0.8	0.5	0.4	1.1	-0.1	1	1
RPL10A	-0.3	-0.3	1.3	1.9	-0.9	-0.5	0.3	0.2	7	5
DCPS	0.6	0.8	0.7	0.6	2.7	0.7	1.3	-1.9	5	1
DKFZp686P15220	0.5	0.2	1.1	0.9	-0.8	-0.6	1.3	0.4	1	1
LOC100049716	0.4	1.3	0.3	0.6	-1.5	-0.5	1.3	0.1	2	1
COL5A1	-0.3	0.6	1.0	1.4	-0.7	0.1	0.0	0.8	5	2
IQGAP1	0.6	0.1	0.9	1.1	1.6	0.4	-0.5	0.6	4	2
CASP7	1.1	0.3	0.5	0.8	2.1	1.3	1.4	1.1	3	1
DAD1	0.7	0.5	0.6	0.9	1.7	2.3	1.7	1.8	1	2

F1S9D1	PIG Uncharacterized protein (Fragment)
C4MRC5	PIG ADP-ribosylation factor 2
F1S3P8	PIG Uncharacterized protein
F1SRV9	PIG Uncharacterized protein
F1RNP2	PIG Uncharacterized protein
P81605	HUMAN Dermcidin
A0FGR8	HUMAN Extended synaptotagmin-2
F1SAN6	PIG Uncharacterized protein
Q9NSG2	HUMAN Uncharacterized protein C1orf112
Q2Q1W2	HUMAN E3 ubiquitin-protein ligase TRIM71
F1S9Y5	PIG Uncharacterized protein (Fragment)
F2Z5C1	PIG Annexin
I3LIW3	PIG Uncharacterized protein
Q6ZP98	HUMAN Putative uncharacterized protein C16orf47
F1SM79	PIG Uncharacterized protein
F1SJ93	PIG Uncharacterized protein
B6CVD6	PIG Thioredoxin domain-containing 4
F1SIY3	PIG Uncharacterized protein
F1SRE0	PIG Uncharacterized protein
F1SIY6	PIG Uncharacterized protein
F1RZT0	PIG Uncharacterized protein
B8XSJ0	PIG Acylglycerol kinase
F1SK15	PIG Uncharacterized protein
I3L6Y6	PIG Uncharacterized protein (Fragment)
F1SV93	PIG Importin subunit alpha (Fragment)
K7GLR2	PIG Uncharacterized protein (Fragment)
F1RQS5	PIG Uncharacterized protein
F1RX66	PIG Uncharacterized protein (Fragment)
Q9C0F0	HUMAN Putative Polycomb group protein ASXL3
P30443	HUMAN HLA class I histocompatibility antigen, A-1 alpha chain
Q29381	PIG Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit
F1S3E0	PIG Uncharacterized protein (Fragment)
F1RQB6	PIG Uncharacterized protein (Fragment)
F1SPH1	PIG Uncharacterized protein
P29536	HUMAN Leiomodin-1
P23220	PIG Plasma membrane calcium-transporting ATPase 1
F1S9H9	PIG Low molecular weight phosphotyrosine protein phosphatase (Fragment)
I3L918	PIG Uncharacterized protein
Q6LEP1	PIG Ribosomal protein S4 (Fragment)
F1S7P0	PIG Uncharacterized protein

ACIN1	1.2	1.2	0.5	-0.2	-1.4	-1.2	-1.0	-0.5	1	2
ARF3	0.1	0.4	0.9	1.2	-0.4	0.8	1.0	0.2	7	4
STX7	1.2	0.6	0.3	0.6	1.3	1.4	0.5	-0.3	1	2
ZYX	0.5	0.3	0.6	1.2	1.7	1.1	0.2	1.0	6	5
AZGP1	0.9	0.6	0.8	0.4	2.2	2.3	2.8	1.5	10	3
DCD	0.4	0.6	0.8	0.9	-0.5	-0.5	-0.2	4.4	1	1
ESYT2	0.6	0.9	0.6	0.6	0.9	0.7	-0.1	0.1	1	1
ILVBL	0.1	0.6	1.0	0.8	-0.6	-0.3	1.0	2.9	1	3
C1orf112	1.1	0.5	0.8	0.3	0.2	-0.2	-0.7	-2.2	1	1
TRIM71	1.2	0.6	0.3	0.6	0.9	1.8	2.0	1.9	1	1
PPP2R5C	0.5	0.9	0.7	0.7	-0.6	1.3	1.4	0.1	1	1
ANXA5	0.0	0.5	0.8	1.3	0.0	0.9	-0.1	-0.7	20	16
EIF2S2	0.2	0.3	0.9	1.2	0.0	-0.2	-0.5	-0.3	2	2
C16orf47	0.7	0.6	0.8	0.5	0.0	0.6	-0.1	0.0	1	1
PKDREJ	0.8	0.7	0.3	0.8	-0.5	-0.1	0.4	0.0	1	1
RCN2	1.1	0.7	0.6	0.2	-0.1	-1.4	-5.1	-2.7	5	1
TXNDC4	0.6	1.0	0.5	0.6	0.2	0.4	1.0	-0.2	1	1
NA	1.2	0.8	0.4	0.3	0.0	0.7	0.0	1.3	2	1
XRCC6	-0.3	-0.6	1.0	2.5	1.3	1.3	0.7	-0.9	1	2
CTNND1	0.6	1.1	0.6	0.3	0.5	0.3	-0.1	-0.7	5	2
TAPBP	0.9	0.7	0.6	0.5	1.4	1.2	-0.1	-0.1	4	3
AGK	1.3	1.3	-0.1	0.0	0.1	0.3	-0.5	-0.4	2	3
LOC100518224	1.3	0.6	0.9	-0.2	-0.9	-1.6	-0.2	-0.3	2	6
AP2B1	0.7	0.1	0.8	1.0	0.8	1.3	-0.2	-0.5	13	3
KPNA6	1.2	0.7	0.4	0.3	1.9	2.1	1.2	0.3	1	1
FAF1	0.2	0.8	2.0	-0.4	-0.9	-1.0	-0.3	1.5	1	1
CDC5L	0.7	0.7	0.4	0.7	-0.6	0.6	0.2	1.5	2	1
GSR	1.1	0.8	0.4	0.3	0.1	-0.1	1.0	-0.5	3	2
ASXL3	0.9	1.1	0.3	0.3	-0.3	-0.8	-1.2	-1.6	1	1
HLA-A	0.9	0.9	0.5	0.4	0.9	1.1	-0.5	-1.1	1	1
DDOST	0.4	0.3	0.8	1.0	1.4	0.8	0.0	0.3	6	3
LOC100511312	0.4	0.5	0.7	1.0	0.4	0.1	-0.2	0.5	4	2
G3BP1	0.4	0.5	0.9	0.8	0.7	1.6	1.0	0.1	6	4
LOC100737962	0.4	-0.1	1.0	1.3	0.3	0.3	-0.3	0.9	9	6
LMOD1	1.4	1.6	-0.3	-0.1	-1.6	-1.7	-1.4	-1.6	1	1
ATP2B1	0.7	0.1	0.6	1.2	-0.2	-0.2	-0.5	-0.5	5	3
ACP1	1.0	0.9	0.4	0.3	-0.1	0.3	-0.5	0.0	3	1
NA	1.1	1.0	0.3	0.2	-0.5	-1.0	0.9	2.5	3	2
Rps4	0.2	-0.5	1.1	1.7	0.6	0.9	0.7	0.9	15	12
ANKRD24	1.1	1.0	0.3	0.2	1.1	0.2	0.8	-0.6	2	2

F1SAI8	PIG Uncharacterized protein
Q86SQ0	HUMAN Pleckstrin homology-like domain family B member 2
L8B180	PIG IgG heavy chain
F1RYT3	PIG Uncharacterized protein
I3L8M1	PIG Uncharacterized protein
F1RI41	PIG Eukaryotic translation initiation factor 3 subunit K
K7GRK7	PIG Uncharacterized protein (Fragment)
Q6NSJ0	HUMAN Uncharacterized family 31 glucosidase KIAA1161
I3LG15	PIG Uncharacterized protein (Fragment)
I3L8I5	PIG Uncharacterized protein (Fragment)
Q9Y490	HUMAN Talin-1
P62279	PIG 40S ribosomal protein S13 (Fragment)
F1S458	PIG Lysine--tRNA ligase
F1SH38	PIG Uncharacterized protein
P07437	HUMAN Tubulin beta chain
F1STE2	PIG Uncharacterized protein (Fragment)
I3L8S3	PIG Uncharacterized protein (Fragment)
F1RHU6	PIG Uncharacterized protein
F1STE8	PIG Uncharacterized protein (Fragment)
I3LIX1	PIG 60S ribosomal protein L27
Q9NZ23	HUMAN Charged multivesicular body protein 5
Q2MJV8	PIG Paralemmin-1
I3LF38	PIG Uncharacterized protein (Fragment)
Q06AS6	PIG GBI2
Q767L6	PIG Flotillin-1
Q5K4Q3	PIG Workshop cluster 3 antigen
Q08092	PIG Calponin-1
I3LJS5	PIG Uncharacterized protein
F1SSA6	PIG Uncharacterized protein (Fragment)
H7BZ55	HUMAN Putative ciliary rootlet coiled-coil protein-like 3 protein
Q95LE2	PIG Laminin beta-1 chain (Fragment)
P39019	HUMAN 40S ribosomal protein S19
H0Y500	HUMAN Bromodomain and WD repeat-containing protein 1 (Fragment)
F1RNK3	PIG Uncharacterized protein
F1S596	PIG Uncharacterized protein
F1RY22	PIG Uncharacterized protein
F2Z560	PIG Uncharacterized protein
P29412	PIG Elongation factor 1-beta
Q9Y5U9	HUMAN Immediate early response 3-interacting protein 1
I3LVF5	PIG Uncharacterized protein

HYOU1	0.2	0.5	0.9	0.9	1.3	1.3	0.2	-0.1	15	3
PHLDB2	0.1	1.5	1.2	-0.3	0.5	0.6	0.2	-0.5	1	1
IGHG	0.7	0.8	0.5	0.5	-1.2	-0.9	0.9	0.8	2	1
SCARB2	0.0	0.3	0.9	1.4	2.0	2.9	4.1	0.8	6	2
FBXO18	3.4	-0.3	-0.4	-0.2	2.9	0.7	1.4	1.4	1	2
EIF3K	1.0	0.5	0.5	0.6	0.6	-0.1	-0.7	-0.3	2	1
NA	1.4	0.6	0.3	0.2	1.5	1.6	-1.0	1.1	2	2
KIAA1161	0.4	0.5	0.7	1.0	2.7	0.6	0.2	1.1	1	1
NA	0.3	0.7	1.1	0.4	0.5	1.0	0.6	2.8	2	3
EIF6	0.4	0.6	0.7	0.7	-1.7	-1.3	-0.5	0.7	3	1
TLN1	0.4	0.4	1.0	0.8	0.3	0.3	1.0	0.7	1	1
RPS13	0.0	-0.1	1.1	1.4	0.1	0.4	0.2	-0.2	6	5
KARS	0.8	0.3	0.6	0.8	1.4	0.8	0.7	-0.1	11	3
PTPRB	2.6	0.4	-0.2	-0.3	-0.8	-0.4	0.8	-0.3	2	2
TUBB	0.1	0.0	0.9	1.6	1.0	0.4	-1.2	-1.3	4	4
TSGA10	0.5	0.7	0.4	0.9	-1.8	-1.6	-0.9	0.4	1	1
CMBL	0.7	0.7	0.7	0.4	0.9	1.2	0.6	0.7	3	2
PRMT1	0.9	0.2	0.7	0.7	0.3	-1.1	-1.1	-1.6	5	4
EIF5B	0.7	0.3	0.8	0.7	-1.2	-0.8	-0.6	2.2	5	3
RPL27	-0.4	0.1	1.2	1.6	-1.7	-0.7	0.0	0.7	5	5
CHMP5	1.6	0.3	0.4	0.2	2.3	1.4	1.0	-0.5	1	1
PALM	2.7	0.4	-0.2	-0.3	1.1	0.1	0.5	1.6	1	1
SEC11A	0.4	0.5	0.8	0.8	-0.2	-0.1	0.1	-0.4	2	1
GBI1	0.5	0.7	0.7	0.6	0.8	1.0	0.7	0.4	5	4
FLOT1	0.8	0.6	0.8	0.2	0.5	0.2	-0.2	-1.2	10	5
swc3	0.9	1.1	0.7	-0.2	1.7	1.7	0.4	-0.3	1	2
CNN1	0.6	0.1	0.4	1.3	0.2	1.5	3.8	1.4	13	9
DCTN4	1.4	0.6	0.2	0.4	0.7	1.6	-0.9	0.9	4	3
LOC396903	0.2	0.3	0.6	1.4	0.2	0.7	0.1	0.4	71	36
NA	0.6	0.8	0.4	0.6	0.9	0.9	0.5	0.2	1	1
NA	0.4	0.8	0.8	0.4	0.5	0.3	0.3	0.4	3	4
RPS19	0.1	0.6	1.0	0.8	0.7	0.8	-0.1	0.0	1	1
BRWD1	1.0	1.1	0.7	-0.3	1.4	3.9	2.7	-0.8	1	1
LOC100519316	0.7	0.7	0.5	0.6	0.0	0.9	-0.3	0.4	3	3
PRKCSH	-0.1	0.7	0.8	1.0	3.0	1.2	0.1	-0.2	10	2
MDN1	0.9	0.5	0.6	0.4	-0.9	-2.2	0.8	0.1	2	1
RAB5C	0.7	0.7	0.5	0.5	0.5	2.3	-0.8	-0.8	3	2
EEF1B	-0.7	0.4	1.2	1.5	1.4	1.0	-0.6	-1.6	4	2
IER3IP1	0.7	0.6	0.6	0.6	0.1	0.0	-0.2	0.7	1	1
PA2G4	-0.2	-0.1	1.0	1.7	1.4	0.8	0.6	-0.1	2	2

P61353	HUMAN 60S ribosomal protein L27
F1RWH6	PIG Uncharacterized protein
Q727M1	HUMAN Probable G-protein coupled receptor 144
K7GRY0	PIG Uncharacterized protein
I3LUM2	PIG Uncharacterized protein
F1SQ09	PIG Uncharacterized protein
F1RXA1	PIG Uncharacterized protein
I3LS04	PIG Uncharacterized protein (Fragment)
P62899	HUMAN 60S ribosomal protein L31
F1SH66	PIG Uncharacterized protein
Q32YV9	PIG Proteasome 26S subunit non-ATPase 4
P62424	HUMAN 60S ribosomal protein L7a
I3LPS9	PIG Uncharacterized protein (Fragment)
Q9BT78	HUMAN COP9 signalosome complex subunit 4
Q9P1Z9	HUMAN Coiled-coil domain-containing protein 180
O60229	HUMAN Kalirin
P51149	HUMAN Ras-related protein Rab-7a
I3LPD5	PIG Uncharacterized protein
I3LES1	PIG Uncharacterized protein
Q96C19	HUMAN EF-hand domain-containing protein D2
Q93034	HUMAN Cullin-5
F1RYY6	PIG Transaldolase (Fragment)
I3LGJ4	PIG Uncharacterized protein
I3LRK9	PIG Uncharacterized protein
P79385	PIG Lactadherin
F1SII4	PIG Uncharacterized protein
P14460	PIG Fibrinogen alpha chain (Fragment)
Q2YGT9	PIG 60S ribosomal protein L6
F1SI06	PIG Uncharacterized protein
F1RZR6	PIG Uncharacterized protein
F1S1U5	PIG Uncharacterized protein
F1SHF4	PIG Uncharacterized protein
F2Z5F5	PIG 40S ribosomal protein S8 (Fragment)
F1RP96	PIG Uncharacterized protein
P61160	HUMAN Actin-related protein 2
P12107	HUMAN Collagen alpha-1(XI) chain
F1RKM0	PIG Uncharacterized protein
P09651-2	HUMAN Isoform A1-A of Heterogeneous nuclear ribonucleoprotein A1
Q7M3B0	PIG Actin beta (Fragments)
Q9G1G3	PIG Cytochrome c oxidase subunit 2

RPL27	0.6	0.4	0.7	0.8	-0.1	0.2	1.0	0.0	1	1
CDK5RAP3	1.2	1.2	0.0	0.0	0.6	0.2	-0.7	0.7	1	1
GPR144	0.6	0.8	0.6	0.3	-0.1	0.8	-0.2	1.0	1	1
UBA1	0.3	0.5	0.8	0.8	0.1	0.3	0.3	0.4	23	19
NA	-1.4	1.0	0.7	2.2	1.8	2.3	1.9	1.7	2	4
LUM	0.1	0.6	0.4	1.3	1.3	0.7	0.2	-0.9	12	10
PAG1	-0.5	0.6	0.9	1.4	0.7	0.0	0.4	0.2	1	1
NA	-0.4	-0.3	0.9	2.2	-0.3	0.0	0.7	0.0	18	15
RPL31	0.2	0.4	0.6	1.2	-0.4	0.8	-0.4	1.2	1	2
LOC100625352	0.1	-0.1	0.7	1.7	-0.1	-0.1	1.0	1.0	1	1
PSMD4	0.5	0.9	0.5	0.5	-0.7	1.3	-1.4	-0.7	6	1
RPL7A	-0.4	-0.2	1.3	1.8	-1.1	-0.8	-0.1	0.6	5	4
MLF1	0.9	0.9	0.4	0.2	-0.3	-0.7	-0.4	0.1	1	5
COPS4	1.2	0.6	0.5	0.1	0.9	-0.4	0.1	-1.3	4	3
CCDC180	1.5	0.2	0.6	0.1	2.5	0.9	-0.4	-0.7	1	1
KALRN	0.4	0.7	1.0	0.3	1.0	1.5	-0.5	-1.7	3	1
RAB7A	-0.1	0.4	0.9	1.1	-1.9	-1.2	0.1	-0.3	3	3
NA	0.6	0.1	0.7	0.9	0.4	0.9	0.6	0.0	2	1
NA	0.7	0.3	0.6	0.8	-0.1	0.1	0.3	-0.7	1	1
EFHD2	0.1	0.6	0.6	1.1	0.1	0.0	0.6	-0.1	1	1
CUL5	0.9	0.6	0.6	0.3	-0.6	-0.9	-1.1	0.1	5	7
TALDO1	-0.6	0.3	1.3	1.4	-0.5	-0.4	-0.3	-0.1	9	6
PITPNB	0.7	0.5	0.6	0.6	-1.0	-0.9	-1.5	-0.5	4	1
PIGS	2.0	0.5	-0.2	0.1	2.1	1.5	0.4	-0.9	2	1
MFGE8	1.4	0.4	0.2	0.3	1.6	1.6	1.5	0.6	3	2
GARS	0.8	0.3	0.3	1.0	0.3	0.6	-0.7	-0.6	13	3
FGA	0.3	1.0	0.5	0.6	-1.1	-1.0	2.3	3.4	2	2
RPL6	-0.1	-0.1	1.0	1.6	-0.5	-0.9	0.1	1.4	14	11
HDLBP	0.4	0.0	0.7	1.3	-0.1	0.9	0.4	0.4	18	4
CUTA	1.1	0.7	0.6	0.0	2.3	3.5	-0.7	-3.7	3	1
GORASP2	-0.1	0.3	1.3	0.9	0.7	0.5	5.5	13.0	3	1
SCFD1	1.0	0.5	0.3	0.4	1.9	1.2	-0.9	-1.3	6	4
RPS8	-0.1	0.1	1.0	1.3	0.0	1.0	1.5	1.9	8	5
CD33	-0.6	0.8	0.5	1.6	0.8	1.8	1.5	0.4	1	1
ACTR2	0.2	0.4	0.8	1.0	0.6	1.4	1.0	1.0	13	6
COL11A1	0.5	-0.1	0.8	1.2	0.4	-0.2	1.3	1.8	2	1
LMNB1	0.2	0.5	0.7	1.0	0.0	0.1	-0.2	-0.1	33	16
HNRNPA1	0.0	0.2	0.9	1.2	0.1	1.3	0.2	-1.4	8	8
NA	0.2	0.3	0.8	0.9	0.4	0.8	1.2	-0.5	1	1
COII	1.5	1.5	0.2	-0.9	0.2	-0.2	-0.9	-1.0	2	2

Q29561	PIG UMP-CMP kinase
F1SDQ5	PIG Uncharacterized protein
F1SQ46	PIG Uncharacterized protein
Q15907	HUMAN Ras-related protein Rab-11B
F1SMW7	PIG Uncharacterized protein
Q6Q7J2	PIG Rab GDP dissociation inhibitor beta
F1RHJ1	PIG Uncharacterized protein
I3LQS2	PIG Uncharacterized protein
P15981	PIG SLA class II histocompatibility antigen, DQ haplotype D alpha chain
P84085	HUMAN ADP-ribosylation factor 5
B8XSJ1	PIG ER lipid raft-associated 1
F1SM72	PIG Uncharacterized protein (Fragment)
I3LQK1	PIG Uncharacterized protein
F1RMG0	PIG Uncharacterized protein
I3LGD4	PIG Uncharacterized protein
Q9H341	HUMAN Olfactory receptor 51M1
Q15651	HUMAN High mobility group nucleosome-binding domain-containing protein 3
E1CAJ5	PIG Glucose regulated protein 58
Q29375	PIG 60S ribosomal protein L7a (Fragment)
F1SS96	PIG Uncharacterized protein
A6NI56	HUMAN Coiled-coil domain-containing protein 154
Q49I35	PIG Galectin-1
F1RZJ9	PIG Uncharacterized protein
F1SR90	PIG Selenoprotein S
F1SN51	PIG Uncharacterized protein
Q9GKE8	PIG Leukocyte surface antigen CD47
F1RZ25	PIG Uncharacterized protein
F1SHC0	PIG Uncharacterized protein
Q9TT35	PIG Thyroxine-binding globulin
F1RVC9	PIG Uncharacterized protein (Fragment)
I3LTH4	PIG Cytosolic Fe-S cluster assembly factor NUBP1
F1SJS8	PIG Uncharacterized protein
F1RYU9	PIG Uncharacterized protein
F1RS63	PIG Uncharacterized protein
I3LR97	PIG Uncharacterized protein
F1SIM4	PIG Uncharacterized protein
Q8WU17	HUMAN E3 ubiquitin-protein ligase RNF139
F1SB67	PIG Uncharacterized protein
F1SPG1	PIG Uncharacterized protein
Q9UKX5	HUMAN Integrin alpha-11

CMPK1	0.0	0.5	0.8	1.0	-0.4	-0.9	-0.4	-1.0	6	4
EMILIN1	0.7	0.8	0.2	0.6	1.2	0.6	0.6	-0.7	6	1
YBX3	0.0	0.7	0.8	0.7	1.5	2.3	1.4	3.4	6	8
RAB11B	1.0	0.7	0.4	0.3	0.9	1.3	0.4	-0.4	1	1
SERPINB2	-0.6	0.0	1.2	1.7	-0.2	0.7	1.2	0.5	17	14
GDI2	0.2	0.4	0.7	1.0	-0.4	0.0	-0.5	-0.8	16	12
MRPL24	0.2	-0.3	2.4	-0.1	0.2	-0.1	0.3	-0.2	1	4
NT5C	0.2	-0.1	1.0	1.1	0.0	-0.7	0.0	-0.4	1	1
NA	0.2	0.9	0.8	0.3	1.2	1.6	-1.6	-1.9	3	1
ARF5	0.0	0.2	0.6	1.6	0.1	0.5	-0.6	-0.4	1	1
ERLIN1	0.9	0.7	0.4	0.3	0.3	-0.2	-0.8	-0.3	3	2
NCAM1	0.3	0.4	0.8	0.8	0.3	1.0	0.4	0.0	11	6
LOC100738707	0.3	0.7	1.1	0.2	-0.3	-0.2	0.5	-0.2	1	2
FAM111A	0.5	0.4	0.4	1.0	0.5	0.7	1.9	3.2	2	1
NA	0.5	0.1	0.6	1.0	0.1	-0.1	0.2	-0.3	22	13
OR51M1	1.3	1.1	0.4	-0.6	-0.5	-0.9	-1.6	-0.5	1	1
HMGN3	-0.7	1.0	0.8	1.1	-0.1	0.6	0.3	2.6	1	1
grp-58	-0.4	0.2	0.9	1.6	0.2	0.2	0.3	0.4	33	29
RPL7A	-0.1	-0.5	1.1	1.8	-0.7	0.2	0.8	1.7	4	3
CERS2	1.1	0.7	0.2	0.3	0.3	0.0	-0.1	0.4	1	1
CCDC154	1.2	0.7	0.3	0.0	0.7	1.1	3.0	0.7	1	2
LGALS1	-1.0	-0.6	1.3	2.5	1.4	0.3	0.3	-2.5	5	5
TACC1	-0.9	0.1	1.2	1.8	2.3	-1.4	1.5	-1.8	1	1
VIMP	2.3	0.9	-0.4	-0.6	1.1	1.4	3.2	2.4	1	1
INPP1	0.5	0.6	0.6	0.6	-0.3	1.1	0.5	-0.8	1	1
CD47	0.3	0.6	0.9	0.4	1.5	0.4	0.3	0.7	1	1
MPP1	0.8	0.1	0.7	0.6	-0.9	-0.6	-0.6	-0.4	3	1
PRPH	0.8	1.2	0.5	-0.3	0.4	0.3	1.8	0.9	1	1
SERPINA7	0.6	0.4	-0.2	1.5	-1.4	-0.7	-1.4	-1.7	1	1
HNRNPD	0.7	0.5	0.3	0.8	1.1	1.3	0.4	-1.2	4	3
NUBP1	1.1	0.8	0.3	0.0	0.9	1.7	-0.1	-0.8	1	1
TAGLN	-0.7	-0.4	0.8	2.5	-0.6	0.9	4.5	1.9	23	14
USO1	0.2	0.4	0.7	0.8	0.9	0.5	0.2	0.2	7	10
SATB1	-0.1	2.6	0.4	-0.8	-0.1	0.3	-0.1	0.4	1	1
NA	0.6	0.5	0.8	0.3	0.8	0.7	-1.1	-1.3	1	1
ELMO1	0.2	0.3	1.0	0.7	0.4	1.2	-0.4	-0.9	1	1
RNF139	0.1	0.5	0.7	0.9	0.3	0.1	1.4	0.1	1	1
M6P/IGF2R	0.5	0.7	0.6	0.4	0.6	0.8	-1.1	0.8	3	1
H1FX	1.3	0.5	0.0	0.4	0.0	-0.4	0.9	1.5	8	6
ITGA11	1.7	0.7	0.0	-0.1	1.8	0.8	-0.5	-0.6	1	1

F1SLF6	PIG Uncharacterized protein
Q7Z4W1	HUMAN L-xylulose reductase
I3LJC3	PIG Uncharacterized protein (Fragment)
F1SH20	PIG Uncharacterized protein
I3LGU2	PIG Uncharacterized protein
F1RVD4	PIG Uncharacterized protein
Q29214	PIG 60S acidic ribosomal protein P0
P62263	HUMAN 40S ribosomal protein S14
O75628	HUMAN GTP-binding protein REM 1
F1RQU2	PIG Uncharacterized protein
A0T4C3	HUMAN Truncated MHC class II antigen (Fragment)
B6ICY1	PIG MHC class I antigen
F1S6V4	PIG Uncharacterized protein (Fragment)
F1SAJ5	PIG DEAD (Asp-Glu-Ala-Asp) box helicase 6
I3LEX0	PIG 40S ribosomal protein S9 (Fragment)
K7GML1	PIG Uncharacterized protein
F1SSX4	PIG Uncharacterized protein (Fragment)
F1S4J5	PIG Uncharacterized protein
P61960	HUMAN Ubiquitin-fold modifier 1
Q8MJ14	PIG Glutathione peroxidase 1
F1S2E1	PIG Uncharacterized protein
M3TYC1	PIG Eukaryotic translation initiation factor 3 subunit B
F1S939	PIG Uncharacterized protein
F1SR61	PIG Uncharacterized protein
I3LVS6	PIG Uncharacterized protein
I3LBB2	PIG Vacuolar protein sorting-associated protein 35 (Fragment)
K7GLK5	PIG Uncharacterized protein
B0FWP5	PIG Sirtuin 2
P62314	HUMAN Small nuclear ribonucleoprotein Sm D1
P61009	HUMAN Signal peptidase complex subunit 3
I3LRJ5	PIG Uncharacterized protein (Fragment)
I3LLY4	PIG Uncharacterized protein
Q007T2-2	PIG Isoform 1 of Cell division control protein 42 homolog
F1RHH8	PIG Uncharacterized protein (Fragment)
K7GKY4	PIG Uncharacterized protein
F8WOP7	HUMAN ATP synthase subunit beta, mitochondrial (Fragment)
I3LFS8	PIG Uncharacterized protein (Fragment)
F1SUA3	PIG Uncharacterized protein
I3LLJ7	PIG Uncharacterized protein
I3LSH8	PIG Uncharacterized protein (Fragment)

CCT7	0.5	0.0	0.7	1.0	-0.1	-0.4	0.1	0.9	12	11
DCXR	1.0	-0.1	0.4	0.9	-0.8	-0.4	-1.1	-2.0	1	2
NA	2.1	0.5	-0.1	-0.3	1.5	-0.3	-1.4	-4.2	1	1
TRHDE	0.5	0.0	0.6	1.0	-0.8	-0.9	-0.9	0.8	1	1
CCDC114	0.0	0.8	0.7	0.7	-0.5	-0.4	2.4	3.2	2	1
SEC31A	0.1	0.0	0.7	1.4	-1.4	-0.5	-0.3	1.0	14	5
RPLP0	-0.2	-0.1	1.0	1.5	0.1	-0.1	-0.6	-0.9	12	8
RPS14	0.3	0.2	0.7	1.0	0.1	0.2	-0.2	0.5	6	4
REM1	1.0	0.2	0.6	0.4	0.4	-0.2	0.0	-1.6	1	1
HSPCB	-0.3	0.2	1.1	1.1	-0.3	0.4	0.5	0.9	13	10
HLA-DRB1	0.7	1.2	0.7	-0.4	1.1	0.7	-0.3	-0.7	1	1
SLA-2	1.0	0.7	0.3	0.2	0.8	0.1	-0.9	-1.5	2	1
EIF4G2	0.3	0.4	0.7	0.8	-0.5	-0.2	-0.1	-0.1	10	3
DDX6	0.4	0.0	0.6	1.1	-0.7	-1.0	-1.1	-0.1	3	4
RPS9	-0.3	-0.6	1.2	1.8	-0.8	0.6	0.2	0.4	5	6
RBBP7	0.4	0.1	0.8	0.9	-0.1	-0.1	0.3	-1.4	3	1
LOC100620549	1.2	0.4	0.3	0.3	0.6	0.0	-0.3	1.3	2	2
DAPK1	0.5	0.2	0.6	0.8	0.0	0.4	0.0	-0.3	1	1
UFM1	-0.1	0.6	0.8	0.8	-0.1	0.0	-0.7	0.3	1	2
GPX1	0.4	0.5	0.6	0.7	0.0	0.2	-0.3	0.3	8	4
VMA21	0.4	0.9	0.4	0.3	0.9	0.7	0.7	1.9	1	1
EIF3B	0.2	0.4	0.8	0.8	0.6	-0.4	-0.7	-0.5	11	4
MAP1S	0.3	0.3	0.7	0.8	1.2	1.0	0.0	0.0	7	1
LOC100511787	0.6	0.5	0.6	0.4	0.6	0.6	-0.4	-1.0	1	2
LOC100523123	-0.3	0.3	0.4	1.7	-1.0	-0.6	0.1	-0.7	1	1
VPS35	0.5	0.3	0.7	0.7	0.0	0.3	-0.7	-0.5	11	7
NA	0.1	0.3	0.6	1.0	-0.7	-0.7	-0.4	-0.2	4	4
SIRT2	1.1	0.6	0.2	0.2	0.3	0.7	-0.6	-0.8	3	3
SNRPD1	0.2	0.4	0.8	0.7	-0.2	0.1	0.7	-0.3	1	1
SPCS3	0.5	0.8	0.3	0.5	0.8	0.7	-0.3	0.0	3	1
CCDC64B	1.5	0.4	0.1	0.1	0.1	0.6	-0.2	0.1	2	1
NQO2	1.0	0.7	0.2	0.1	1.6	1.8	1.7	-0.6	2	2
CDC42	0.2	-0.2	0.7	1.3	-1.5	-1.2	0.4	2.1	3	2
PRPF8	-0.3	0.1	0.9	1.3	-0.5	-0.4	-0.5	-0.8	2	2
ANK3	1.1	0.3	0.6	0.0	1.4	0.1	-0.1	0.5	2	4
ATP5B	0.8	0.4	0.3	0.6	1.4	0.8	0.5	-1.8	1	2
FLOT2	1.1	0.6	0.3	0.0	1.0	1.1	-0.1	0.0	11	7
ZC3H6	1.0	0.9	0.8	-0.6	-0.7	-0.3	-0.1	0.1	1	1
NA	-0.6	0.1	1.0	1.6	-0.6	-0.7	-1.5	0.0	1	1
NPTN	-0.2	0.2	1.0	1.0	0.4	0.0	0.2	0.3	2	1

Q8IVT2	HUMAN Mitotic interactor and substrate of PLK1
R9Y4B7	HUMAN NADH-ubiquinone oxidoreductase chain 5
P14287	PIG Osteopontin
F1RST0	PIG Uncharacterized protein
B6A7R0	PIG Tubulin alpha 3
F1S8Z6	PIG Uncharacterized protein (Fragment)
F1RGM3	PIG Uncharacterized protein
I3L5J0	PIG Uncharacterized protein
Q99613	HUMAN Eukaryotic translation initiation factor 3 subunit C
P81693	PIG Low molecular weight phosphotyrosine protein phosphatase
I3L9F5	PIG Uncharacterized protein (Fragment)
O62839	PIG Catalase
F1S912	PIG Uncharacterized protein
A9YUA9	PIG Alpha-2-macroglobulin receptor-associated protein
F1S0J8	PIG Uncharacterized protein
P13535	HUMAN Myosin-8
F1RK74	PIG Uncharacterized protein
I3LAT6	PIG Uncharacterized protein
F1SD83	PIG Uncharacterized protein
F1RIF3	PIG Uncharacterized protein
F1SV45	PIG Uncharacterized protein
F1S645	PIG Uncharacterized protein (Fragment)
P35580	HUMAN Myosin-10
A6M931	PIG Eukaryotic initiation factor 4A-III
F1SE30	PIG Uncharacterized protein
F1SDW3	PIG Uncharacterized protein
Q14782	HUMAN Kinesin-like protein KIF3C
Q9H987	HUMAN Synaptopodin 2-like protein
P62280	HUMAN 40S ribosomal protein S11
F1RLM4	PIG Uncharacterized protein (Fragment)
B4DCU2	PIG Calmodulin 1 (Fragment)
F1SJT1	PIG Uncharacterized protein
A2NW98	HUMAN Rheumatoid factor light chain variable region (Fragment)
I3LLS7	PIG Uncharacterized protein (Fragment)
Q9GMB0	PIG Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
F1S1V1	PIG Uncharacterized protein
P08123	HUMAN Collagen alpha-2(I) chain
F1S7W0	PIG Uncharacterized protein (Fragment)
Q6GWX0	PIG Probable ATP-dependent RNA helicase DDX4
P61019	HUMAN Ras-related protein Rab-2A

MISP	1.7	0.4	-0.1	0.1	2.3	1.8	1.7	-0.6	1	1
ND5	0.2	-0.2	0.7	1.3	-0.8	-0.8	-0.1	1.3	1	1
SPP1	0.0	0.0	0.5	1.5	3.3	-0.3	0.0	-4.2	6	1
HSPH1	0.8	1.1	0.2	0.0	-0.5	-1.1	0.1	1.0	7	1
NA	-0.7	-0.1	1.2	1.7	-0.7	-1.4	-1.4	-2.4	2	2
LOC100519326	0.5	0.6	0.4	0.5	0.4	0.9	1.4	0.6	1	1
TXNDC17	0.2	0.5	0.8	0.6	0.4	1.1	0.0	-1.6	3	4
NA	0.9	0.0	0.6	0.4	-0.3	-0.6	-0.3	-0.5	2	1
EIF3C	0.6	0.3	0.5	0.7	0.3	0.0	-0.2	-0.2	8	6
ACP1	1.1	0.7	0.3	-0.1	1.5	2.1	0.8	-0.1	2	2
PCYOX1	1.0	1.0	0.3	-0.2	0.0	0.8	-0.6	-0.5	7	5
CAT	-0.1	1.2	0.9	0.0	0.3	0.1	0.4	-0.4	18	11
FKBP8	1.3	0.6	0.2	0.0	0.0	-0.6	-0.8	-0.1	3	3
NA	-0.5	0.0	1.0	1.5	-0.9	-3.0	-1.0	-1.4	1	1
KRT19	0.5	0.7	0.7	0.1	0.3	-0.3	0.2	3.9	4	2
MYH8	1.3	1.2	0.2	-0.7	1.2	1.0	0.7	1.0	5	2
SLC25A1	0.7	0.4	0.3	0.5	-0.1	0.0	0.0	0.5	1	2
LOC100739149	1.3	0.9	-0.1	0.0	1.0	1.2	1.1	1.4	1	2
NACC1	1.0	0.4	0.2	0.3	-0.1	0.1	0.8	0.3	1	2
FAH	0.6	0.2	0.6	0.6	-0.6	-0.8	0.8	-0.4	4	1
LOC100525755	0.1	-0.1	0.8	1.1	-0.3	-0.5	-0.3	-0.2	2	3
KCNT2	1.3	1.2	0.0	-0.4	-0.7	0.9	-0.5	1.5	1	1
MYH10	0.6	0.3	0.3	0.8	0.6	0.2	0.0	0.0	5	4
EIF4A3	-0.8	-0.4	1.3	1.9	-1.2	-0.1	0.0	0.2	6	4
ANK1	0.1	1.0	1.0	0.0	-0.6	-0.6	-0.1	0.2	19	7
TIMM23	2.4	0.4	-0.2	-0.6	2.5	2.0	0.2	-0.6	1	1
KIF3C	0.0	0.4	1.0	0.6	-1.1	-1.2	-1.3	-0.6	1	1
SYNPO2L	1.0	0.5	0.4	0.1	1.0	1.3	-0.1	0.3	1	2
RPS11	-0.6	-0.4	1.1	1.9	-0.5	0.5	1.1	1.1	7	6
DAP3	1.1	0.4	0.5	0.0	0.1	0.8	1.4	-0.8	1	2
CALM1	-0.2	0.8	0.4	1.0	2.9	2.3	-0.2	-3.5	10	4
EXOG	0.9	0.8	0.0	0.2	1.6	3.0	1.5	-0.8	1	2
NA	0.3	0.5	1.2	0.1	-0.6	-0.5	3.2	0.8	1	1
XPO1	0.6	0.6	0.4	0.3	-0.2	-0.8	-1.3	-1.4	10	7
RPN1	-0.1	0.2	0.8	1.1	-0.4	-0.4	-0.6	0.5	19	15
SSB	-0.2	0.0	0.9	1.2	0.0	0.5	0.6	0.3	10	4
COL1A2	-1.1	1.1	0.5	1.5	1.6	3.5	1.4	1.3	3	2
AKAP12	0.8	0.3	0.1	0.7	1.3	1.1	-0.2	-0.2	12	3
DDX4	0.6	0.0	0.5	0.8	2.2	0.8	-0.7	-0.3	1	1
RAB2A	0.8	0.6	0.3	0.2	0.3	0.4	1.0	-0.4	1	1

F1SA98	PIG Uncharacterized protein (Fragment)
F1S5Z3	PIG Uncharacterized protein
F1SB63	PIG T-complex protein 1 subunit alpha
B1A8Z3	PIG Phosphorylase
I3LVK2	PIG Uncharacterized protein (Fragment)
P04163	PIG Protein S100-A10
I3LBY0	PIG Uncharacterized protein
F1S085	PIG Methionine aminopeptidase (Fragment)
P55083	HUMAN Microfibril-associated glycoprotein 4
K7GMK5	PIG Uncharacterized protein
Q8MIR4	PIG Bifunctional coenzyme A synthase
I3LHY0	PIG Uncharacterized protein (Fragment)
P79275	PIG Rho A (Fragment)
F1SAF0	PIG Dihydrolipoyl dehydrogenase
P12277	HUMAN Creatine kinase B-type
P23246	HUMAN Splicing factor, proline- and glutamine-rich
P19205	PIG Acylamino-acid-releasing enzyme
I3LLE6	PIG Uncharacterized protein
F1S3U9	PIG Uncharacterized protein
F1RF77	PIG Uncharacterized protein (Fragment)
I3LSD1	PIG Sorting nexin (Fragment)
F1SJ10	PIG Uncharacterized protein
I3LPQ3	PIG Uncharacterized protein
O75369	HUMAN Filamin-B
K7GQM4	PIG Uncharacterized protein
Q59G56	HUMAN Two pore segment channel 2 variant (Fragment)
P22626	HUMAN Heterogeneous nuclear ribonucleoproteins A2/B1
I3LLG3	PIG Uncharacterized protein
I3LVJ7	PIG Uncharacterized protein (Fragment)
F1S087	PIG Uncharacterized protein
P55081	HUMAN Microfibrillar-associated protein 1
Q71V07	HUMAN Signal recognition particle subunit SRP72
F1RRU6	PIG Uncharacterized protein (Fragment)
F1S3D5	PIG Uncharacterized protein
Q9UQ80	HUMAN Proliferation-associated protein 2G4
P62750	HUMAN 60S ribosomal protein L23a
K7GT02	PIG Uncharacterized protein
Q9TVC1	PIG V-type proton ATPase subunit H
B9ZSM8	PIG CD90 protein
F1RR13	PIG Uncharacterized protein

YWHAQ	-0.2	0.0	0.7	1.5	-0.3	0.2	1.1	0.2	7	7
SARS	-0.4	0.4	0.8	1.2	0.0	0.3	-0.9	-0.8	7	4
TCP1	0.4	0.3	0.5	0.8	0.2	0.6	0.3	0.9	19	14
NA	0.3	0.4	0.6	0.6	0.0	-0.3	-0.3	0.3	20	16
MAPK3	0.6	0.5	0.7	0.2	-0.6	-1.1	-1.2	-1.5	2	1
S100A10	-1.0	0.1	0.9	1.9	-1.2	-0.5	0.5	0.7	1	1
ARCN1	-0.1	0.1	0.6	1.3	0.2	0.4	-0.1	-0.2	9	2
METAP1D	0.8	0.5	0.2	0.4	-0.3	-1.2	0.1	0.1	1	1
MFAP4	-0.5	0.6	0.5	1.3	-1.6	-0.7	0.9	1.6	3	2
ILF2	0.2	0.1	0.6	1.0	0.1	-0.5	-2.0	-0.9	7	4
COASY	0.6	0.6	0.7	0.0	0.1	-1.0	-1.1	0.9	1	3
NA	0.3	0.9	0.4	0.3	0.4	1.6	0.7	0.1	5	5
NA	0.7	0.2	0.4	0.6	0.7	0.7	-0.1	-0.5	1	1
DLD	1.0	1.2	0.1	-0.4	0.1	0.2	-1.7	-1.2	1	1
CKB	0.4	-0.4	0.1	1.7	2.2	1.8	0.3	0.0	6	4
SFPQ	0.0	0.0	0.7	1.2	-0.6	-0.3	-0.4	0.0	13	12
APEH	0.5	0.8	0.5	0.0	0.7	0.7	0.8	-0.3	5	8
FAM98B	0.8	0.5	0.2	0.4	0.7	0.2	-0.4	-0.8	2	1
PRDX1	-0.3	-0.4	1.0	1.6	0.4	-0.8	0.5	-1.7	12	8
PLOD1	0.8	1.1	-0.1	0.1	0.7	1.3	-0.2	-1.4	1	1
SNX9	0.3	0.5	0.5	0.5	0.8	2.3	0.9	0.4	2	2
ESPNL	0.8	0.9	0.1	0.1	0.6	-0.3	0.7	0.1	1	1
KCNJ13	0.2	0.7	0.5	0.5	0.5	0.3	-0.2	-1.1	1	1
FLNB	0.5	0.2	0.4	0.8	0.2	1.2	0.2	0.3	21	5
PRAF2	0.5	0.4	0.5	0.4	0.0	-0.1	0.5	0.6	1	1
NA	0.5	0.4	0.5	0.4	-0.8	-1.0	0.2	0.2	1	1
HNRNPA2B1	-0.2	0.0	0.9	1.2	-1.2	0.5	-0.1	0.1	7	7
SUMO3	0.0	0.2	0.6	1.1	0.6	0.0	0.2	-1.3	1	1
PSMA7	0.3	-0.2	0.9	0.9	-0.9	-1.7	-1.0	-1.6	4	4
DYNC112	-0.6	-0.5	1.0	1.9	0.0	-0.3	-0.2	1.1	9	6
MFAP1	-0.3	-0.2	0.9	1.5	0.8	1.3	-0.6	-0.5	2	1
NA	-0.3	0.0	0.6	1.6	-0.1	1.3	-1.2	1.9	1	1
TLK2	1.1	0.7	0.5	-0.5	-0.2	0.0	-1.0	-0.2	1	1
LMAN2	0.1	0.3	0.7	0.8	1.5	1.4	1.0	0.6	6	2
PA2G4	-0.2	-0.4	0.9	1.5	-1.3	-2.0	-1.7	-1.6	1	1
RPL23A	-0.2	-0.1	0.7	1.4	0.5	0.8	0.8	2.3	9	4
CCDC22	0.5	0.8	0.3	0.3	-0.6	-1.0	-1.7	-1.8	3	1
ATP6V1H	0.6	0.6	0.4	0.2	1.1	1.5	1.2	0.8	1	2
CD90	-0.1	0.8	0.5	0.6	1.1	1.4	1.2	-0.1	2	1
FAM83A	-0.5	0.9	1.6	-0.1	-0.9	-1.4	0.6	-0.6	2	1

Q12984	HUMAN Putative uncharacterized protein
F1RQ11	PIG Uncharacterized protein
F1SAV8	PIG Uncharacterized protein
Q13765	HUMAN Nascent polypeptide-associated complex subunit alpha
B2CCY7	PIG Nuclear matrix protein 200
F1SUN0	PIG Uncharacterized protein (Fragment)
F1SF93	PIG Uncharacterized protein
Q0ZHH9	PIG Low density lipoprotein receptor-related protein-associated protein 1 (Fragment)
I3LEC2	PIG Uncharacterized protein
F1SQN1	PIG T-complex protein 1 subunit delta
F1SB18	PIG Uncharacterized protein
P61457	HUMAN Pterin-4-alpha-carbinolamine dehydratase
I3L7T6	PIG Histone H2A
Q29197	PIG 40S ribosomal protein S9 (Fragment)
F1SGA9	PIG Uncharacterized protein
Q6QAS5	PIG 60S ribosomal protein L12 (Fragment)
A5A8V7	PIG Heat shock 70 kDa protein 1-like
F1SFZ8	PIG Uncharacterized protein
I3LD13	PIG Uncharacterized protein
F1RUR3	PIG Uncharacterized protein
B4DFN7	HUMAN cDNA FLJ59676, highly similar to Myosin-18A
F8SIP2	PIG EGF-containing fibulin-like extracellular matrix protein 1
F1RJU9	PIG Uncharacterized protein (Fragment)
P13647	HUMAN Keratin, type II cytoskeletal 5
A5GFX6	PIG Tubulin, beta family 1
I3LHB2	PIG Uncharacterized protein
Q02833	HUMAN Ras association domain-containing protein 7
F1SBE5	PIG Uncharacterized protein (Fragment)
F1S4M2	PIG Uncharacterized protein (Fragment)
F1SUM7	PIG 40S ribosomal protein S3 (Fragment)
P62805	HUMAN Histone H4
F1SPI1	PIG Uncharacterized protein
I3LIK6	PIG Uncharacterized protein
F1SMD7	PIG Uncharacterized protein
Q8N901	HUMAN cDNA FLJ38626 fis, clone HEART2009599
P01598	HUMAN Ig kappa chain V-I region EU
Q04446	HUMAN 1,4-alpha-glucan-branching enzyme
F1RG16	PIG Uncharacterized protein
F1RKC0	PIG Uncharacterized protein (Fragment)
F6Q5P0	PIG 40S ribosomal protein S13

NA	2.8	0.7	-0.7	-1.0	0.5	-0.2	0.1	0.3	1	1
COX7A2	0.6	0.5	0.6	0.1	-1.7	-1.3	-2.2	-0.8	2	2
LOC100518203	0.5	0.3	0.3	0.7	1.1	0.6	1.7	1.1	1	1
NACA	0.5	0.4	0.6	0.3	1.0	1.2	0.6	0.7	4	4
nmp-200	0.1	0.3	0.6	0.9	0.9	0.5	0.8	1.0	2	3
ARRB1	0.1	-0.3	0.8	1.2	-1.1	-2.0	-2.3	0.7	1	1
LOC100523850	0.9	0.7	0.3	-0.1	-0.2	-0.6	0.1	-0.3	1	1
LREAP1	-0.8	0.1	0.9	1.6	0.1	0.5	0.4	0.7	1	1
PCBP1	0.5	0.0	0.4	0.9	1.2	1.7	2.1	0.4	3	4
CCT4	0.0	0.1	0.7	1.0	0.4	0.4	-0.2	-0.1	16	14
NA	0.3	0.4	0.3	0.7	0.5	0.0	-0.1	-0.2	4	1
PCBD1	1.2	0.3	0.2	0.1	0.8	-0.1	-0.4	-0.6	2	1
H2AFX	0.7	0.1	0.3	0.6	-0.6	-0.1	-0.8	1.8	1	1
RPS9	-0.2	-0.6	1.1	1.5	-0.7	-0.2	0.2	0.3	10	7
DNAJC19	1.0	0.5	-0.1	0.3	0.6	1.1	0.1	0.9	1	3
RPL12	-0.1	-0.3	0.9	1.3	-0.4	-0.3	0.6	0.5	5	6
HSPA1L	0.1	0.0	0.7	0.9	0.2	1.4	0.3	-0.6	1	1
TLN1	0.0	0.1	0.7	1.0	0.3	0.5	-0.1	0.5	71	50
LOC100624417	-0.1	0.0	0.8	1.0	-0.5	-0.3	-0.2	-0.3	6	1
CCNY	0.9	0.6	0.2	0.1	1.6	1.0	-0.1	-0.5	1	1
NA	1.5	0.9	-0.2	-0.4	-0.5	-0.9	-0.5	-1.0	1	1
EFEMP1	0.4	0.4	0.4	0.5	1.5	1.8	0.5	-0.5	2	1
SEPT8	0.9	0.1	0.2	0.5	-0.1	0.1	-1.2	-1.4	4	3
KRT5	1.1	0.3	0.0	0.3	0.0	-0.7	-0.1	7.1	2	2
TUBB1	0.4	0.5	0.1	0.7	-0.5	0.9	5.3	-0.1	2	1
RPA1	1.1	-0.2	0.3	0.5	1.9	1.3	-0.2	-0.9	1	1
RASSF7	1.7	0.4	0.0	-0.4	-0.3	0.1	0.9	0.4	1	1
PTGIS	1.1	0.5	0.0	0.1	-1.0	-1.0	-0.5	1.4	3	1
LOC100738304	-0.2	0.1	0.7	1.2	-0.3	-0.4	0.2	0.3	6	2
RPS3	-0.1	-0.4	0.8	1.4	0.7	1.2	1.3	1.5	10	7
HIST1H4A	-0.6	0.5	0.7	1.1	-1.8	-0.9	0.4	0.3	10	11
TMEM43	0.6	0.3	0.3	0.6	-0.6	-0.9	-0.5	-0.8	4	4
NA	-0.3	-0.4	0.7	1.7	-0.8	-0.8	0.4	0.1	9	2
STOM	0.2	0.7	0.5	0.3	0.1	-0.4	-0.4	-0.4	5	3
NA	0.3	0.6	0.5	0.2	-0.2	-0.2	-0.3	-1.3	2	1
NA	0.4	0.7	0.4	0.2	1.9	2.0	2.6	0.4	1	1
GBE1	0.6	0.3	0.4	0.4	0.5	0.2	-0.5	-0.7	1	1
HNRNPF	-0.2	0.1	0.9	0.9	0.5	0.9	-0.1	-1.1	8	5
HIP1	1.4	0.2	-0.1	0.2	0.8	0.9	0.7	0.1	3	4
RPS13	0.1	0.2	0.8	0.6	-0.1	-0.2	-0.4	-0.7	3	2

Q15413	HUMAN Ryanodine receptor 3
Q45VM7	HUMAN Mutant desmin
B3VMR0	PIG 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase
A9ED96	PIG CARG-binding factor A
F2Z4X6	PIG Uncharacterized protein (Fragment)
F1SUE4	PIG Uncharacterized protein
I3L9F7	PIG Importin subunit alpha (Fragment)
P32969	HUMAN 60S ribosomal protein L9
F1SRK6	PIG Endoplasmic
I3LAI3	PIG Uncharacterized protein (Fragment)
Q9H390	HUMAN PRO2300
A5A8V9	PIG Valyl-tRNA synthetase 2
I3LIQ9	PIG Uncharacterized protein
I3LU70	PIG Uncharacterized protein
Q9N0Y9	PIG Ubiquitous tropomodulin U-Tmod
F1SGS7	PIG Uncharacterized protein
Q702N8	HUMAN Xin actin-binding repeat-containing protein 1
I3LNN3	PIG Uncharacterized protein
F1S4Y9	PIG Uncharacterized protein
O75197	HUMAN Low-density lipoprotein receptor-related protein 5
P62936	PIG Peptidyl-prolyl cis-trans isomerase A
I3LMX3	PIG Uncharacterized protein
Q9GLP0	PIG Integrin beta-1
F1SPG9	PIG Uncharacterized protein
F1RZ71	PIG Uncharacterized protein
O75436	HUMAN Vacuolar protein sorting-associated protein 26A
F1S4P0	PIG Uncharacterized protein
P31937	HUMAN 3-hydroxyisobutyrate dehydrogenase, mitochondrial
F1SGJ3	PIG Uncharacterized protein
F1SH90	PIG Uncharacterized protein
Q29198	PIG Ribosomal protein S6 (Fragment)
F1S9S0	PIG Uncharacterized protein (Fragment)
F1S3J8	PIG Uncharacterized protein
Q13045	HUMAN Protein flightless-1 homolog
Q29300	PIG NADH-ubiquinone oxidoreductase 49 KD subunit (Fragment)
K7GMX3	PIG Uncharacterized protein
I3LVF9	PIG Uncharacterized protein
F1STY8	PIG Uncharacterized protein (Fragment)
F1SPM8	PIG AP2-associated protein kinase 1
I3L759	PIG Uncharacterized protein (Fragment)

RYP3	1.3	1.2	-0.2	-0.6	1.5	1.1	0.2	-1.1	6	2
NA	1.6	0.5	0.0	-0.4	3.4	1.7	1.9	0.2	1	1
purH	0.2	0.2	0.7	0.6	1.3	0.3	-0.1	0.5	4	2
CBF-A	-0.2	0.3	0.9	0.8	1.2	1.7	2.1	-0.4	4	1
TOMM20	1.0	0.3	0.0	0.3	1.0	0.3	-0.2	0.2	1	2
ASPN	0.3	0.3	0.0	1.1	-0.4	-0.7	-1.5	-0.8	8	7
KPNA1	0.9	0.6	0.2	0.0	0.3	0.5	-0.3	-0.5	1	1
RPL9	-0.4	-0.2	0.9	1.4	0.4	0.7	0.9	0.6	7	5
HSP90B1	0.2	0.1	1.0	0.4	1.3	1.4	2.7	0.1	1	1
NA	0.0	-1.1	0.8	1.9	1.6	0.5	0.8	1.5	1	1
NA	0.2	0.3	0.7	0.4	0.1	-0.5	0.6	-0.5	1	1
VAR52	0.6	0.2	0.3	0.5	0.1	0.2	0.9	0.4	4	3
NA	0.3	0.1	0.4	0.8	1.3	1.2	0.9	-0.2	7	2
C1orf170	0.9	0.6	0.2	-0.1	0.1	1.5	-0.3	-1.7	1	2
TMOD3	0.2	0.6	0.4	0.5	0.6	-0.1	-0.8	0.2	10	1
NAT10	0.5	0.9	0.1	0.2	-0.3	-0.2	6.7	-1.1	1	1
XIRP1	0.8	0.5	0.3	0.1	0.8	1.0	-0.1	0.2	5	2
MKI67	0.5	0.4	0.5	0.3	-1.3	-1.7	-0.7	-0.9	1	1
RALY	1.0	0.3	0.0	0.3	0.2	1.0	1.0	1.1	3	1
LRP5	0.6	0.9	0.3	-0.1	-0.2	-0.1	-0.3	-0.6	1	1
PPIA	-0.8	-0.3	1.0	1.7	-0.1	0.8	0.6	0.2	13	12
POLDIP2	0.8	0.1	0.4	0.3	-0.1	-0.5	0.7	-0.5	3	4
ITGB1	0.2	0.6	0.4	0.5	0.7	1.1	0.1	0.4	12	8
ESYT1	0.4	0.3	0.3	0.6	0.3	0.1	-1.3	-0.3	10	9
SEPT9	-0.5	0.0	0.7	1.4	0.5	2.2	-0.1	-0.2	7	1
VPS26A	0.9	-0.1	0.1	0.7	0.0	-0.7	-0.7	0.4	1	1
STRN	1.1	0.3	0.2	-0.1	1.6	1.4	1.4	0.3	2	1
HIBADH	1.1	0.5	0.0	0.0	1.0	1.3	1.1	-0.1	2	2
FLNB	1.0	0.2	0.0	0.4	0.2	-0.5	-0.2	-0.1	7	2
CACNA1D	1.3	0.5	0.4	-0.5	1.0	0.4	-0.4	-1.4	1	1
NA	0.7	0.1	0.2	0.6	0.7	0.7	0.5	1.4	3	3
GRIK4	0.6	0.5	0.0	0.5	-0.1	1.3	0.5	0.1	1	1
MRPL4	1.0	0.5	0.3	-0.2	0.6	0.9	0.4	-0.8	1	1
FLII	0.5	0.3	0.5	0.3	-2.9	-2.5	-0.1	0.1	6	3
NA	1.1	0.2	0.4	0.0	0.4	0.3	-0.2	-0.7	1	2
PKD2	0.9	0.5	0.5	-0.3	0.4	-0.5	-0.3	-0.3	1	1
VAMP3	1.2	0.8	-0.1	-0.3	1.9	2.9	0.9	-0.4	1	1
RSF1	0.2	0.6	0.6	0.1	-1.4	-0.8	0.0	0.4	2	2
AAK1	0.9	0.3	0.1	0.3	0.6	0.1	0.3	1.0	4	3
NA	0.3	0.2	0.4	0.6	0.9	0.3	0.5	0.7	7	3

Q95KR6	PIG Mono (ADP-ribosyl)transferase (Fragment)	ART3	0.8	0.9	-0.1	0.0	-1.5	-2.2	-1.6	-1.5	3	1
F1RMJ9	PIG Oxysterol-binding protein	OSBP	0.4	0.2	0.4	0.5	-2.8	-4.2	-5.6	-4.4	3	1
F1S0V3	PIG Annexin (Fragment)	ANXA6	0.3	0.4	0.2	0.6	-0.5	-0.4	-0.1	0.0	32	26
F1SS95	PIG Uncharacterized protein	SETDB1	1.1	0.6	-0.1	0.0	-0.5	0.1	-2.1	-1.2	1	1
F1S7L8	PIG Uncharacterized protein	SH3GL1	0.9	0.1	0.4	0.2	-1.2	-0.8	-0.4	-0.1	2	1
Q8SPC2	PIG MHC class I antigen	SLA-3	0.1	0.0	0.8	0.6	1.6	0.7	1.0	0.0	5	4
F1RKX9	PIG Uncharacterized protein	CRKL	1.0	0.3	0.2	0.1	1.5	1.0	0.1	-1.1	4	3
F1SKU5	PIG Uncharacterized protein	STRBP	0.2	-0.2	0.3	1.2	-0.5	0.1	0.8	-0.3	3	1
I3LT93	PIG Uncharacterized protein	UROS	1.7	0.7	-0.1	-0.8	0.1	0.2	-1.0	-0.7	1	1
L0R849	HUMAN Enolase	EDARADD	0.9	0.0	0.3	0.4	3.0	1.7	-1.3	-1.8	2	1
Q9GKX6	PIG Aldose 1-epimerase	GALM	0.5	0.0	0.4	0.7	0.5	1.0	-0.3	-0.5	4	3
K7GL83	PIG Uncharacterized protein	ILF3	0.1	0.0	0.6	0.9	0.7	0.9	0.0	0.0	19	11
P31950	PIG Protein S100-A11	S100A11	-0.5	0.0	0.7	1.4	-1.5	-1.4	-0.5	-0.1	1	1
F1RLQ2	PIG Prelamin-A/C	LMNA	1.0	1.0	-0.6	0.2	0.1	1.1	-1.9	-1.0	1	1
Q29195	PIG 60S ribosomal protein L10	RPL10	-0.3	-0.4	0.8	1.4	-0.8	0.5	-0.1	0.5	6	6
O76024	HUMAN Wolframin	WFS1	0.6	0.2	0.9	-0.1	-0.6	-0.8	-1.6	-0.6	1	2
F1SU44	PIG Uncharacterized protein	NA	0.9	0.4	0.2	0.0	-0.1	0.8	-0.8	0.0	1	1
F1S1G8	PIG Amine oxidase	AOC3	0.0	0.5	0.5	0.5	0.0	-0.1	0.2	-0.5	9	9
B5LX40	PIG Adaptor protein phosphotyrosine interaction PH domain and leucine zipper containing 1	APPL1	1.0	0.1	0.2	0.3	-1.5	-0.8	-0.8	-1.2	3	1
I3LDA4	PIG Uncharacterized protein	PXDN	0.4	0.8	0.4	-0.1	0.7	0.5	-1.1	0.3	3	3
I3LM93	PIG Uncharacterized protein (Fragment)	TNPO1	-0.2	0.2	0.6	0.9	-0.6	0.3	-1.3	0.4	9	4
F1SE06	PIG Uncharacterized protein	LOC100626607	0.5	0.5	0.3	0.2	0.3	0.3	0.0	0.3	6	4
F1S891	PIG Small nuclear ribonucleoprotein-associated protein	SNRNP	-0.3	0.0	0.8	1.1	1.1	0.2	-0.6	-0.3	4	1
P27816-5	HUMAN Isoform 5 of Microtubule-associated protein 4	MAP4	1.4	0.0	-0.1	0.2	1.5	1.4	9.0	0.8	1	1
F2Z5J8	PIG Eukaryotic translation initiation factor 2 subunit 1	EIF2S1	0.5	0.0	0.4	0.7	-0.1	-0.8	-0.2	-0.4	11	4
I3LUP6	PIG Uncharacterized protein	LOC100525313	0.2	0.0	0.6	0.7	0.1	0.2	-1.7	0.0	14	5
Q85ZW4	PIG MHC class II antigen	SLA-DRA1	0.7	0.3	0.4	0.2	0.0	0.5	-0.6	-1.7	2	1
Q0VDD8	HUMAN Dynein heavy chain 14, axonemal	DNAH14	0.8	0.8	0.1	-0.1	0.2	0.1	-0.2	0.3	1	1
I3LFQ5	PIG Uncharacterized protein	PFKL	0.4	0.2	0.5	0.5	0.3	-0.2	0.1	0.0	10	9
Q9HC84	HUMAN Mucin-5B	MUC5B	0.0	0.1	0.5	0.9	-1.4	-1.6	-0.5	0.7	1	2
F1S2U6	PIG Uncharacterized protein (Fragment)	LPGAT1	1.0	0.6	-0.1	-0.1	1.2	1.0	0.2	-1.0	1	2
F1S9J8	PIG Uncharacterized protein	LOC100626723	-1.2	0.7	1.4	0.7	0.6	1.2	0.2	-2.7	1	1
B4DNX1	HUMAN cDNA FLJ53752, highly similar to Heat shock 70 kDa protein 1	NA	0.4	0.6	0.8	-0.3	0.4	1.0	0.7	-1.9	1	1
Q8TBY9	HUMAN WD repeat-containing protein 66	WDR66	0.3	0.3	0.6	0.3	0.8	1.1	0.6	0.4	1	1
A8K2X8	HUMAN cDNA FLJ78433, highly similar to Homo sapiens chaperonin containing TCP1, subunit 5 (epsilon) (CCT5)	NA	0.5	0.1	0.3	0.6	0.0	0.0	0.1	0.4	1	1
F1RU54	PIG Uncharacterized protein	MRPL11	1.0	0.9	-0.3	-0.1	1.7	1.8	0.6	-0.4	2	3
P35750	PIG Calpain-1 catalytic subunit	CAPN1	0.3	0.3	0.5	0.5	0.6	0.9	0.6	0.4	14	12
F1SM58	PIG Uncharacterized protein	LMAN1	0.1	0.2	0.6	0.6	-0.1	-0.5	-0.5	-0.4	8	3
F1RJV5	PIG Uncharacterized protein	PDLIM4	0.5	0.0	0.3	0.7	2.2	0.8	0.3	0.6	3	1

F2Z5U4	PIG Ras-related protein Rab-1A
O00410	HUMAN Importin-5
I3LEY2	PIG Annexin
I3LEW5	PIG Uncharacterized protein
F1SRB7	PIG Uncharacterized protein (Fragment)
F2Z547	PIG cAMP-dependent protein kinase inhibitor alpha
F1SUX4	PIG Uncharacterized protein (Fragment)
I3LUR1	PIG Uncharacterized protein
Q06AA4	PIG U1 small nuclear ribonucleoprotein A
F1SHH7	PIG Uncharacterized protein
I3LAB7	PIG Uncharacterized protein (Fragment)
F1RGD9	PIG Uncharacterized protein
I3LEA6	PIG Uncharacterized protein
I3L5M4	PIG Uncharacterized protein
Q13564	HUMAN NEDD8-activating enzyme E1 regulatory subunit
Q5TZA2	HUMAN Rootletin
F1RXA7	PIG Uncharacterized protein
F8SIP3	PIG Polyribonucleotide nucleotidyltransferase 1
I3L5H6	PIG Uncharacterized protein
G8ENL4	PIG FUS
I3L813	PIG Proliferating cell nuclear antigen
Q9NPG4	HUMAN Protocadherin-12
F1RJY0	PIG Uncharacterized protein
F1RM44	PIG Uncharacterized protein (Fragment)
P62269	HUMAN 40S ribosomal protein S18
Q14818	HUMAN Proteasome subunit alpha type-7
I3LVG4	PIG GrpE protein homolog
F1SIW8	PIG Uncharacterized protein
F1SSE7	PIG Uncharacterized protein (Fragment)
Q69GF3	PIG NADH-ubiquinone oxidoreductase chain 3
I3LK71	PIG Uncharacterized protein
F1S8J6	PIG Uncharacterized protein
F1RJK0	PIG Uncharacterized protein
I3LAJ6	PIG Uncharacterized protein
I3LPA4	PIG Uncharacterized protein (Fragment)
Q19PY3	PIG tRNA-splicing ligase RtcB homolog
F1SRQ7	PIG Single-stranded DNA-binding protein
Q96FW1	HUMAN Ubiquitin thioesterase OTUB1
H0YAA0	HUMAN Uncharacterized protein (Fragment)
F1SME6	PIG Uncharacterized protein

RAB1A	0.1	-0.4	0.6	1.2	-0.2	0.5	0.9	1.2	14	8
IPO5	-0.4	-0.4	1.0	1.3	0.0	-0.9	-1.2	0.9	2	2
ANXA7	-0.3	0.2	0.9	0.7	-0.4	-0.7	0.4	0.2	9	8
PSMD2	0.2	0.0	0.6	0.8	0.2	0.0	0.3	0.1	11	9
LOC100624537	-0.3	0.2	0.7	0.9	0.4	0.9	1.2	0.9	1	1
PKIA	2.6	0.0	-0.9	-0.1	2.1	0.7	-1.7	-1.3	1	1
NUMA1	0.5	0.1	0.3	0.6	0.2	0.1	-0.5	0.8	15	8
HNRNPUL2	0.7	0.1	0.3	0.4	0.8	2.0	2.0	0.7	5	4
SNRPA	0.2	-0.2	0.5	1.0	1.6	1.2	0.1	1.4	3	2
API5	0.5	0.3	0.5	0.2	-0.2	0.1	-0.4	0.6	3	2
CYP27A1	1.5	0.6	-0.1	-0.4	1.7	1.6	-1.4	-1.2	1	4
HARS	0.8	-0.2	0.2	0.7	0.5	0.2	-0.5	1.0	9	1
NA	-0.2	0.2	1.0	0.5	-1.0	-1.0	-0.5	0.3	2	1
CA14	1.3	0.8	-0.3	-0.3	1.7	0.9	-0.5	-0.6	2	1
NAE1	0.5	0.7	0.7	-0.4	1.6	0.5	-0.1	-0.9	2	2
CROCC	1.4	0.5	-0.3	-0.2	0.8	-0.8	-0.2	-2.1	1	2
LOC100512253	0.3	0.0	0.4	0.8	-0.3	0.2	0.1	0.2	13	9
PNPT1	0.3	0.6	0.6	0.1	0.2	0.3	-0.8	-0.6	2	3
NA	0.0	0.7	0.2	0.6	-0.5	-0.6	-0.1	0.6	3	3
FUS	-0.4	0.0	0.7	1.2	1.2	1.0	1.4	0.9	8	2
PCNA	0.2	0.4	0.5	0.4	0.8	-0.3	-0.6	-1.3	3	1
PCDH12	0.8	0.7	0.1	-0.1	-1.0	-1.4	-0.3	0.5	1	1
NCSTN	1.0	0.5	0.1	-0.1	-0.5	-1.1	0.9	-1.2	1	1
TOMM40	0.5	0.5	0.3	0.1	-0.4	-0.7	-0.9	-0.5	6	4
RPS18	-0.6	-0.2	0.9	1.4	-1.1	-1.0	-0.4	0.6	7	5
PSMA7	0.4	-0.3	0.6	0.8	-0.2	-0.7	0.8	-0.1	4	4
GRPEL1	0.0	0.8	0.1	0.5	2.0	1.3	-1.0	-1.7	4	1
NA	0.5	0.0	0.1	0.9	1.4	1.8	4.9	6.0	1	1
COL15A1	0.7	0.7	-0.2	0.3	1.0	0.5	-0.1	-1.3	3	3
ND3	0.6	0.7	0.5	-0.3	-0.3	1.2	2.3	2.8	1	1
HNRNPC	-0.3	0.1	0.7	0.9	0.5	1.9	-0.1	-0.6	11	8
RAB2B	0.1	0.3	0.4	0.6	0.4	0.6	0.7	0.2	5	5
COQ5	1.4	0.3	0.0	-0.3	0.3	-0.6	-0.9	-0.9	6	5
RALA	0.4	0.2	0.5	0.4	0.0	-0.2	0.9	1.2	2	3
KIF21B	0.2	0.3	0.7	0.2	-0.5	-0.1	0.4	0.6	1	1
RTCB	0.7	-0.1	0.3	0.6	0.8	1.2	-0.1	-0.1	14	9
SSBP1	0.3	0.5	0.2	0.4	1.4	1.0	0.4	1.1	6	3
OTUB1	0.2	-0.2	0.5	0.9	-0.4	0.0	0.1	-0.3	5	2
NA	1.0	0.1	0.1	0.1	0.6	0.3	-1.1	-0.3	1	1
NA	0.9	0.6	0.0	-0.2	0.6	0.1	-0.7	-1.4	3	3

P26042	PIG Moesin
I3LJK4	PIG Uncharacterized protein
F15G92	PIG Uncharacterized protein
Q15369	HUMAN Transcription elongation factor B polypeptide 1
Q1T7A9	PIG Type VI collagen alpha-1 chain (Fragment)
Q9NVE4	HUMAN Coiled-coil domain-containing protein 87
Q6QAA3	PIG 60S ribosomal protein L23 (Fragment)
I3LNF2	PIG Uncharacterized protein
O94875-3	HUMAN Isoform 3 of Sorbin and SH3 domain-containing protein 2
F1RT25	PIG Uncharacterized protein
B4DLU8	HUMAN cDNA FLJ59121, highly similar to Phosphatidylinositol 4-kinase alpha (EC 2.7.1.67)
Q5TB80	HUMAN Centrosomal protein of 162 kDa
F1S1K0	PIG Uncharacterized protein
F1S8N3	PIG Uncharacterized protein
Q95319	PIG Beta-actin, cytoplasmic (Fragment)
K7GT08	PIG Uncharacterized protein (Fragment)
I3LR32	PIG Uncharacterized protein
Q99988	HUMAN Growth/differentiation factor 15
I3LMJ1	PIG Uncharacterized protein
I3LL97	PIG Uncharacterized protein
F1SS99	PIG Uncharacterized protein
Q9MZ46	PIG Crocalbin-like protein (Fragment)
A7TX80	PIG COP9 constitutive photomorphogenic-like subunit 5
Q9BXP5	HUMAN Serrate RNA effector molecule homolog
B6CVD7	PIG ERO1-like protein alpha
O02705	PIG Heat shock protein HSP 90-alpha
Q9GLV6	PIG Probable ATP-dependent RNA helicase DDX58
P62197	PIG 26S protease regulatory subunit 8
F1SNQ1	PIG Uncharacterized protein (Fragment)
P61224	HUMAN Ras-related protein Rap-1b
Q6IM70	PIG Reticulon
Q29092	PIG Endoplasmic
F1SSW9	PIG Uncharacterized protein (Fragment)
Q9Y3D0	HUMAN Mitotic spindle-associated MMXD complex subunit MIP18
I3LGD9	PIG Uncharacterized protein
I3LGI3	PIG Uncharacterized protein
I3L6X5	PIG Uncharacterized protein
P58107	HUMAN Epiplakin
P62081	HUMAN 40S ribosomal protein S7
F1SHL3	PIG Uncharacterized protein

MSN	-0.5	-0.2	0.7	1.4	-0.4	0.0	0.5	1.5	47	34
TMEM126A	0.9	0.6	0.1	-0.2	-0.7	-0.9	-1.0	0.7	1	2
PARL	1.0	0.9	0.1	-0.6	1.3	2.2	-0.8	-1.4	2	1
TCEB1	0.2	0.3	0.7	0.2	1.2	-0.2	-0.9	-0.4	3	1
COL6A1	0.3	0.2	0.1	0.7	0.2	-0.3	-0.7	-0.3	2	2
CCDC87	0.0	-0.1	0.4	1.1	-0.6	-0.2	0.4	-1.6	1	1
NA	0.2	0.4	0.4	0.4	-1.8	-1.8	-2.2	-0.9	1	1
DNAH1	0.5	0.6	0.2	0.1	1.0	8.3	0.3	-0.2	1	1
SORBS2	0.2	0.4	0.7	0.0	-0.5	-0.2	-0.3	0.2	1	1
SNX3	0.0	0.2	0.5	0.8	0.1	0.4	-0.1	0.6	5	2
NA	0.4	-0.2	0.4	0.9	-1.6	-1.3	-0.4	-1.1	1	1
KIAA1009	-0.1	0.4	0.5	0.6	-0.1	0.7	0.9	0.0	1	1
LOC100738633	-1.8	-0.4	1.6	2.0	-2.6	-5.4	-0.2	-2.8	2	2
RGS12	-0.5	0.0	1.2	0.7	-0.8	-0.6	-0.5	0.4	1	1
NA	0.1	0.1	0.2	1.0	-0.8	0.5	0.3	-0.3	5	5
LOC100525679	0.1	-0.4	0.4	1.3	0.2	0.0	-0.3	-1.4	1	1
CCT5	-0.1	-0.3	0.7	1.1	-0.2	0.2	0.4	0.8	15	7
GDF15	1.5	0.6	-0.4	-0.3	1.2	1.2	0.2	-0.4	1	1
LOC100624587	-1.3	0.1	1.0	1.5	2.0	1.3	0.4	5.0	2	2
CSRP1	-0.1	-0.1	0.6	1.0	-0.7	2.7	3.5	2.0	5	2
PRUNE	0.3	0.7	0.4	0.0	-0.1	0.3	-0.2	-0.7	1	2
NA	-0.8	0.5	0.4	1.2	2.3	0.8	1.0	-0.6	10	5
COP55	0.2	0.1	0.5	0.6	0.3	0.8	0.6	1.0	3	3
SRRT	0.7	0.6	0.0	0.1	-0.5	0.0	-0.3	0.2	2	1
ERO1L	0.4	1.0	0.0	0.1	0.3	-0.5	-0.2	0.1	4	2
HSP90AA1	-0.5	-0.3	0.9	1.2	-1.1	-0.1	0.4	1.3	44	40
DDX58	0.0	0.1	0.5	0.7	0.6	-1.1	0.3	1.4	8	5
PSMC5	0.5	0.4	0.2	0.2	0.5	1.2	0.5	-0.1	11	10
NA	-0.2	0.1	0.8	0.6	0.0	0.3	0.2	1.5	3	2
RAP1B	0.3	0.1	0.3	0.6	-0.4	0.1	0.7	0.8	2	1
RTN4	0.2	-0.1	0.5	0.7	0.0	0.1	0.1	-0.1	2	2
HSP90B1	-0.5	0.1	0.7	1.0	-0.7	-0.4	-0.4	0.2	49	39
SPTBN5	0.2	0.6	0.4	0.2	-0.6	0.0	0.2	0.6	1	1
FAM96B	0.3	0.7	0.2	0.1	0.3	0.5	-1.3	-1.6	1	1
NA	0.8	0.3	-0.1	0.2	0.7	0.2	-0.6	-0.6	6	4
FASTK	0.2	0.4	0.5	0.3	-1.7	-1.9	-2.5	-2.4	1	1
EFCAB4A	0.4	0.1	0.4	0.4	0.3	0.8	0.4	-0.2	2	2
EPPK1	0.8	0.3	0.0	0.2	1.8	1.2	1.3	0.9	2	1
RPS7	-0.2	-0.3	0.6	1.2	0.1	0.4	0.1	0.0	2	2
SEC23A	-0.5	-0.1	0.7	1.2	1.1	0.9	0.8	1.1	3	4

Q68DD2	HUMAN Cytosolic phospholipase A2 zeta	PLA2G4F	0.5	1.0	0.2	-0.4	0.0	1.0	1.0	0.2	1	1
F1RTQ6	PIG Histone H2B	HIST1H2BA	-1.1	0.6	0.7	1.2	-0.9	0.5	1.2	1.8	4	4
P28066	HUMAN Proteasome subunit alpha type-5	PSMA5	1.1	0.1	0.0	0.1	1.2	0.9	1.9	-0.4	7	3
F1SNX0	PIG Uncharacterized protein	LRRTM4	-1.3	-1.0	1.3	2.3	-0.5	-0.8	-0.7	0.4	1	1
F1ST81	PIG Uncharacterized protein	DBNL	0.3	0.1	0.3	0.6	-0.3	-0.2	0.4	-0.3	7	1
K9IVV5	PIG Tryptophan--tRNA ligase, cytoplasmic isoform a	WARS	0.2	0.2	0.4	0.5	0.6	0.0	-0.1	-1.1	5	3
F1S9J9	PIG Uncharacterized protein	RAB3GAP2	0.6	0.3	0.2	0.2	-0.9	0.4	1.1	2.0	1	2
Q06A98	PIG Serine/arginine-rich splicing factor 2	SRSF2	0.0	0.0	0.5	0.8	-1.0	-1.3	-1.2	-0.1	2	3
B0FWK4	PIG Signal peptidase complex subunit 1	SPCS1	-0.3	-0.1	0.7	1.0	0.3	-1.0	-0.6	-0.1	1	1
I3LSU1	PIG Uncharacterized protein (Fragment)	NONO	0.4	-0.1	0.5	0.5	0.2	0.2	-0.2	0.2	14	9
F1S9W8	PIG Uncharacterized protein	LOC100523621	0.3	0.3	0.2	0.5	0.4	-0.3	-0.2	0.4	4	1
Q9H8S5	HUMAN Cyclin N-terminal domain-containing protein 2	CNTD2	0.1	0.2	0.5	0.6	4.3	2.0	-2.0	-1.4	1	1
F1S1D0	PIG Uncharacterized protein (Fragment)	NA	0.3	0.5	0.4	0.0	-0.3	0.3	-0.9	-1.3	1	1
P02452	HUMAN Collagen alpha-1(I) chain	COL1A1	-0.8	0.3	0.6	1.1	0.4	1.8	-0.2	1.3	8	1
I3L829	PIG Uncharacterized protein (Fragment)	NPLOC4	1.1	0.4	-0.1	-0.1	0.8	0.7	0.5	-0.2	5	2
M3VH66	PIG Anoctamin	ANO10	0.3	-0.1	0.3	0.8	0.1	0.2	0.3	0.4	1	1
I3LAK4	PIG Pyruvate kinase	NA	0.7	0.3	0.1	0.2	0.8	0.6	1.7	0.7	1	1
F1S325	PIG Hydroxypyruvate isomerase	HYI	1.2	0.6	-0.1	-0.4	1.5	1.4	-0.3	-2.5	6	4
F1SLX0	PIG Uncharacterized protein (Fragment)	M6PR	-0.1	0.3	0.5	0.5	-0.1	0.0	1.2	-0.2	1	2
Q99719-2	HUMAN Isoform 2 of Septin-5	SEPT5	0.1	0.3	0.5	0.4	-0.6	-0.7	-0.6	-0.9	1	1
F1S0L8	PIG Uncharacterized protein	MTDH	0.1	0.1	0.3	0.8	0.9	0.5	1.4	1.1	6	4
Q06AT9	PIG RNA-binding protein 4B	RBM4B	0.7	0.1	0.2	0.3	-0.1	0.1	0.1	0.5	2	2
I3LJ48	PIG Uncharacterized protein (Fragment)	EHHADH	0.4	0.7	0.3	-0.2	0.0	0.2	-1.2	-1.5	1	1
F1RN27	PIG Uncharacterized protein	MPHOSPH8	0.4	0.4	0.4	0.1	0.0	-1.2	0.0	0.3	1	1
Q93052	HUMAN Lipoma-preferred partner	LPP	0.1	-0.2	0.4	1.0	0.6	0.9	1.0	1.0	3	2
D0G0C8	PIG Chaperonin containing TCP1, subunit 2 (Beta)	CCT2	0.4	-0.1	0.4	0.6	0.5	0.3	0.3	0.1	22	14
F1RW31	PIG Uncharacterized protein	NUDT9	-0.1	0.5	0.7	0.1	-0.6	1.4	-0.4	-0.5	4	3
I3LUG5	PIG Uncharacterized protein	TMEM143	0.7	0.2	0.2	0.1	-0.7	-1.5	-1.9	-1.3	2	3
K7GK90	PIG Uncharacterized protein	SSR4	0.6	-0.2	0.2	0.6	1.4	1.3	-0.5	-0.1	2	1
F1S788	PIG Uncharacterized protein (Fragment)	C8A	0.7	0.1	0.2	0.2	1.2	1.8	-0.2	-1.4	5	1
F1RZZ3	PIG Uncharacterized protein	FN3KRP	0.4	0.6	0.1	0.1	0.0	0.3	0.3	-0.2	1	1
F1S4M3	PIG Uncharacterized protein	PCDH7	1.0	0.2	0.2	-0.1	-0.7	0.5	-0.4	0.9	1	2
F1RGC9	PIG Uncharacterized protein	PSMD13	0.9	0.4	-0.1	0.0	0.4	0.2	-0.8	-0.5	6	3
I3LJ30	PIG Uncharacterized protein	NA	0.3	0.1	0.4	0.5	0.4	-0.1	-0.1	0.6	11	4
I3LS96	PIG Uncharacterized protein (Fragment)	NA	-0.2	-0.1	0.7	0.8	-0.5	-0.6	0.7	-0.9	2	1
Q8TDN2	HUMAN Potassium voltage-gated channel subfamily V member 2	KCNV2	2.0	0.0	-0.1	-0.7	-0.5	-0.7	0.5	-0.3	1	1
I3LGT3	PIG Uncharacterized protein (Fragment)	LAD1	0.8	0.4	0.1	-0.1	0.3	2.4	1.2	2.1	1	1
Q53DY5	PIG Histone H1.3-like protein	LOC595122	-0.8	0.4	0.5	1.1	-0.6	0.2	1.2	5.4	3	3
F1S1X9	PIG Uncharacterized protein	TXNL1	0.5	-0.2	0.3	0.6	1.0	1.3	0.7	-1.0	4	4
Q29223	PIG 60S ribosomal protein L34	RPL34	0.3	-0.4	0.4	1.0	1.2	0.0	0.4	0.7	3	2

F2Z5I4	PIG Histone H2A (Fragment)
Q29205	PIG 60S ribosomal protein L11
Q9P2Q2	HUMAN FERM domain-containing protein 4A
F1SBP8	PIG Uncharacterized protein
F1RHC5	PIG Histone H2A
F1RL04	PIG Uncharacterized protein
O11780	PIG Transforming growth factor-beta-induced protein ig-h3
F1RWI5	PIG Uncharacterized protein
I3LDM3	PIG Uncharacterized protein (Fragment)
Q9UMY4-2	HUMAN Isoform 2 of Sorting nexin-12
I3LDS3	PIG Uncharacterized protein
O77773	PIG Uncharacterized protein
F1SIA4	PIG Uncharacterized protein (Fragment)
I3L893	PIG Uncharacterized protein
Q07960	HUMAN Rho GTPase-activating protein 1
F1S6B4	PIG Uncharacterized protein
K9IVQ2	PIG Ribosomal protein S6 kinase
Q8N3K9	HUMAN Cardiomyopathy-associated protein 5
A7WK50	PIG Insulin-regulated aminopeptidase
F1RG57	PIG Uncharacterized protein
F1RIP4	PIG Uncharacterized protein
P50402	HUMAN Emerin
Q92817	HUMAN Envoplakin
P62841	HUMAN 40S ribosomal protein S15
P50238	HUMAN Cysteine-rich protein 1
I3L2U4	HUMAN Peroxisomal acyl-coenzyme A oxidase 1
F1S0Q5	PIG Uncharacterized protein
A8CLL2	HUMAN Beta myosin heavy chain cardiac isoform (Fragment)
P54136	HUMAN Arginine--tRNA ligase, cytoplasmic
F1SGR0	PIG Eukaryotic translation initiation factor 3 subunit M
F1RI39	PIG Uncharacterized protein
Q9NYQ7	HUMAN Cadherin EGF LAG seven-pass G-type receptor 3
P62829	HUMAN 60S ribosomal protein L23
I3LIW1	PIG Uncharacterized protein (Fragment)
O00168	HUMAN Phospholemman
Q95307	PIG 60S ribosomal protein L13a (Fragment)
Q9BRG1	HUMAN Vacuolar protein-sorting-associated protein 25
P08779	HUMAN Keratin, type I cytoskeletal 16
F1SD96	PIG Uncharacterized protein (Fragment)
I3LQI3	PIG Uncharacterized protein (Fragment)

NA	-0.2	0.2	0.3	0.9	-0.5	-0.2	0.3	1.8	2	3
RPL11	-0.3	-0.5	0.8	1.3	-0.3	-0.3	-0.5	0.3	4	3
FRMD4A	0.7	0.7	0.1	-0.4	0.3	-0.3	-0.9	0.1	1	1
Ssc.21702	1.0	0.7	0.1	-0.5	3.6	1.8	-0.3	0.0	2	1
H2AFY	0.0	0.3	0.3	0.6	-0.5	-0.2	-0.4	0.4	8	9
PPM1F	0.0	0.3	0.5	0.4	0.7	0.4	-0.8	-1.2	3	1
TGFB1	-0.2	-0.4	0.4	1.4	0.3	0.2	0.0	1.0	11	6
NA	-0.3	-0.7	0.9	1.3	-0.6	-0.5	-1.3	0.5	13	9
IPO7	0.5	0.1	0.3	0.4	0.3	0.8	-0.8	-0.7	9	6
SNX12	0.3	-0.3	0.4	0.7	-0.9	-0.4	-0.8	-0.5	3	1
KRT10	0.0	1.1	0.0	0.1	0.0	-1.5	1.7	6.4	9	9
CACNA2D1	0.7	0.6	0.0	-0.1	0.2	0.0	0.1	-1.0	7	6
ARHGAP1	0.1	-0.3	0.5	1.0	0.6	0.3	1.0	1.1	4	1
GDI1	0.2	0.1	0.4	0.5	0.6	0.9	0.2	-0.2	7	3
ARHGAP1	-0.4	0.1	0.6	0.9	-0.6	-0.5	0.4	1.0	1	1
PRELP	0.2	0.5	-0.3	0.8	0.1	1.0	0.2	-0.5	15	9
RPS6KA5_tv1	1.2	0.6	-0.2	-0.4	2.1	-0.9	0.1	1.7	1	1
CMYA5	0.3	0.6	0.5	-0.3	-1.3	0.6	-0.4	0.5	1	2
IRAP	0.1	-0.1	0.5	0.7	0.4	0.2	0.5	0.3	1	1
C1orf198	0.3	0.1	0.5	0.3	1.4	-0.1	-0.6	0.5	1	1
RUVBL2	0.5	0.4	0.2	0.2	-0.5	-0.3	-0.3	0.4	9	2
EMD	-0.1	0.4	0.4	0.4	0.0	0.3	0.5	0.4	2	2
EVPL	0.9	0.0	0.3	0.0	0.6	0.4	1.2	2.2	1	2
RPS15	-1.0	0.0	0.8	1.4	-1.1	-1.6	1.1	-0.2	3	1
CRIP1	0.2	-0.4	0.3	1.1	0.3	0.6	0.3	1.4	1	1
ACOX1	0.6	0.3	0.2	0.2	-0.3	0.3	-0.1	0.3	1	1
SNX31	0.2	0.5	0.2	0.3	-0.2	-2.3	-2.6	-2.9	1	1
MYH7	1.0	0.3	-0.1	0.0	0.0	-0.4	-1.4	-2.5	1	1
RARS	0.6	0.0	-0.1	0.7	0.4	-0.5	-0.3	-0.8	2	2
EIF3M	-0.1	0.1	0.5	0.7	-0.3	-0.4	0.2	0.6	3	1
LOC100517284	0.1	-0.1	0.3	0.8	-0.3	-0.5	-0.3	-0.1	37	27
CELSR3	1.2	0.3	-0.4	0.0	-0.2	0.3	0.1	0.5	1	1
RPL23	-0.3	-0.7	0.7	1.5	-1.1	-0.4	0.0	0.2	5	5
LANCL2	0.7	0.1	0.2	0.2	1.7	1.0	0.0	0.6	2	1
FXD1	0.7	0.9	-0.2	-0.3	1.4	2.1	-0.1	1.8	1	1
RPL13A	0.1	-0.7	0.6	1.1	-0.4	0.0	0.8	0.7	7	2
VPS25	0.2	-0.2	1.1	0.0	-0.1	-0.6	-1.5	-1.1	3	2
KRT16	0.9	0.5	0.2	-0.5	-1.5	-1.2	-1.9	5.8	1	3
RAD23A	0.0	0.3	0.6	0.2	1.3	0.4	0.2	0.0	5	1
LOC100512195	0.5	0.0	0.2	0.5	-0.4	0.0	-0.4	0.7	2	2

F1S8H8	PIG Purine nucleoside phosphorylase (Fragment)
F1SR53	PIG Uncharacterized protein
F1RJH8	PIG Uncharacterized protein
B8Y4S5	PIG Sarcoglycan delta
F1S6R1	PIG Uncharacterized protein
F1S0Z4	PIG Histone H2A (Fragment)
P40125	PIG Adenylyl cyclase-associated protein 1 (Fragments)
P28335-2	HUMAN Isoform 2 of 5-hydroxytryptamine receptor 2C
I3LGQ4	PIG Small nuclear ribonucleoprotein Sm D2 (Fragment)
Q19QT0	PIG Splicing factor, arginine/serine-rich 11
F1SR88	PIG Uncharacterized protein
P61163	HUMAN Alpha-centractin
Q9Y2D5-4	HUMAN Isoform 2 of A-kinase anchor protein 2
I3LMV8	PIG Uncharacterized protein
Q9HAT2	HUMAN Sialate O-acetyltransferase
G3DRF8	PIG Proteasome subunit beta type
F1SR80	PIG Tubulin alpha-1A chain
F1RTN3	PIG Moesin
F1RFB1	PIG Uncharacterized protein
F1RQM2	PIG Phosphoacetylglucosamine mutase
K7EM20	HUMAN 14-3-3 protein epsilon (Fragment)
M3V862	PIG Nuclear transcription factor Y, alpha tv1
F1S408	PIG Uncharacterized protein
P63218	HUMAN Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5
Q96GF1	HUMAN E3 ubiquitin-protein ligase RNF185
B4DGH2	HUMAN cDNA FLJ56781
F1SSG5	PIG Uncharacterized protein
I3LUM8	PIG Uncharacterized protein
F1S1X3	PIG Uncharacterized protein
I3LNT6	PIG Uncharacterized protein
F1SFM3	PIG Uncharacterized protein (Fragment)
P25398	HUMAN 40S ribosomal protein S12
I3LPU8	PIG Uncharacterized protein
F1S8W1	PIG Uncharacterized protein
K7GPS6	PIG Uncharacterized protein
Q8SPB2	PIG MHC class II antigen
Q56VC2	PIG Fas (TNF receptor superfamily, member 6)
F1SEF7	PIG Serine/threonine-protein phosphatase (Fragment)
Q8MJ37	PIG Ran (Fragment)
F1SB09	PIG Uncharacterized protein

PNP	-0.1	0.8	0.6	-0.1	0.3	-0.8	-1.6	-1.4	5	1
ITGA5	0.7	0.8	-0.2	-0.3	-0.6	-1.2	-1.0	-1.0	9	9
ASL	0.5	1.5	-0.1	-0.8	0.4	0.3	-0.1	0.1	2	2
NA	0.7	0.5	0.0	-0.2	0.4	0.5	0.2	0.2	3	6
CIRBP	0.9	0.9	-0.2	-0.4	0.7	1.9	0.5	-0.2	1	2
H2AFZ	-1.2	0.5	0.9	1.0	-1.3	-0.8	-0.1	0.7	2	2
CAP1	-1.4	-0.2	1.0	1.8	-1.8	-0.3	-0.6	0.9	1	1
HTR2C	0.9	0.6	-0.1	-0.3	-0.3	0.8	-0.8	-1.8	1	1
SNRPD2	0.3	0.2	0.3	0.3	0.6	0.0	-0.4	0.2	3	3
SFRS11	1.0	0.0	0.1	0.1	1.6	1.4	-0.2	-1.2	1	1
FAM134A	0.8	0.6	0.0	-0.3	2.3	1.5	-1.4	0.0	2	2
ACTR1A	0.5	-0.1	0.3	0.4	1.2	1.7	1.3	0.5	4	3
AKAP2	0.9	0.3	-0.1	-0.1	1.2	2.2	0.7	-0.9	1	1
ABCB8	1.7	0.4	-0.1	-1.0	0.6	0.4	0.5	-0.2	3	7
SIAE	0.2	-0.4	0.7	0.6	1.0	0.8	0.6	-1.4	1	1
PSMB6	0.6	-0.2	0.2	0.5	0.8	0.5	-0.2	-1.6	4	4
TUBA1A	-0.3	-0.4	0.8	1.0	-0.2	-1.4	-1.2	-0.3	2	2
MSN	-0.3	-0.4	0.6	1.2	0.0	0.7	0.6	1.2	3	1
PKD1	0.0	0.1	0.7	0.3	1.1	1.8	1.9	0.8	3	2
PGM3	0.8	0.0	0.1	0.1	-0.5	-0.8	0.3	0.0	4	2
YWHAE	0.6	0.2	0.4	0.0	2.4	0.0	-0.1	-1.3	1	2
CBFB	0.1	-0.3	0.5	0.8	0.1	0.2	-0.2	-0.3	3	1
FAM98A	0.4	0.3	0.3	0.1	-0.4	0.2	0.6	0.6	5	1
GNG5	0.2	0.0	0.3	0.5	-0.2	0.1	0.3	1.0	1	1
RNF185	-0.4	-0.1	0.4	1.1	0.2	2.3	1.6	0.8	1	1
NA	0.1	0.2	0.2	0.6	0.4	0.4	0.2	0.1	1	1
NANS	0.5	0.1	0.1	0.4	-0.5	0.9	-1.2	-0.1	2	1
LOC100626089	0.3	0.3	0.1	0.4	0.0	-0.1	-0.4	-0.4	3	3
NARS	0.3	0.1	0.2	0.4	0.2	0.2	-0.8	-0.8	7	3
KRT77	0.7	0.7	-0.2	-0.2	0.4	-1.1	3.4	6.3	1	1
CHL1	1.2	-0.1	0.1	-0.1	0.5	-0.2	-1.1	-1.2	1	1
RPS12	0.0	-0.2	0.5	0.7	0.1	0.3	-0.3	0.0	2	2
NA	0.0	0.1	0.4	0.5	0.0	0.7	0.6	-0.2	6	2
COX15	0.6	0.1	0.2	0.2	-0.8	-0.7	-0.2	-0.9	2	3
ARMCX3	0.5	0.2	0.2	0.1	-0.2	0.0	-1.2	-0.2	4	2
SLA-DRB	0.5	-0.3	0.5	0.4	0.3	-1.3	-0.9	-2.0	1	1
TNFRSF6	0.0	0.1	0.5	0.4	-0.3	-0.3	-0.5	0.0	1	1
PPP1CB	-0.3	-0.4	0.5	1.2	0.0	-0.4	-0.2	-0.9	1	1
NA	-0.7	-0.5	0.9	1.4	-0.9	0.1	0.7	0.6	3	3
SEC22B	0.4	-0.1	0.1	0.7	-0.4	-0.2	-0.6	0.5	8	4

F1RZ96	PIG Uncharacterized protein
F1SEN6	PIG Uncharacterized protein
Q29599	PIG 2'-5'-oligoadenylate synthase 1
Q9GLW8	PIG Peroxiredoxin 5
P62249	HUMAN 40S ribosomal protein S16
P02461	HUMAN Collagen alpha-1(III) chain
O97788	PIG Fatty acid-binding protein, adipocyte
I3L7L5	PIG Uncharacterized protein (Fragment)
F1RP44	PIG Uncharacterized protein (Fragment)
K7GSF4	PIG Uncharacterized protein
I3LP11	PIG Uncharacterized protein
F1RQU9	PIG Uncharacterized protein
F1SFA2	PIG Uncharacterized protein
I3LKZ4	PIG Uncharacterized protein
F1RYY0	PIG Uncharacterized protein
F1RKI9	PIG Uncharacterized protein
A0PA01	PIG Serine protease inhibitor 9
Q9XT00	PIG Estradiol 17-beta-dehydrogenase 8
F1SUT0	PIG Uncharacterized protein
F1SUK2	PIG Uncharacterized protein
K9IVR9	PIG Importin subunit beta-1
F1RPL2	PIG Histone H3
F1S1J9	PIG Eukaryotic translation initiation factor 3 subunit H
I3LRP7	PIG Uncharacterized protein
Q6QGC0	PIG PDZ and LIM domain protein 3
Q8MJ30	PIG Dihydropteridine reductase
I3LMM7	PIG Uncharacterized protein
F1RI01	PIG 60S ribosomal protein L13a
Q29048	PIG V-type proton ATPase catalytic subunit A
I3LS60	PIG Uncharacterized protein
I3LIL7	PIG Uncharacterized protein
I3L9G3	PIG Uncharacterized protein
F1RRP6	PIG Annexin (Fragment)
F1RGY5	PIG Uncharacterized protein
Q9Y623	HUMAN Myosin-4
F1S4X9	PIG Uncharacterized protein
O00442	HUMAN RNA 3'-terminal phosphate cyclase
F1SDK3	PIG Uncharacterized protein
M3VH35	PIG Lamin B receptor
F1SK49	PIG Uncharacterized protein

TARSL2	-0.8	0.5	1.1	0.2	-0.9	-0.9	-0.1	1.2	2	3
MMRN2	1.4	0.3	-0.4	-0.3	0.8	1.6	-0.4	-0.6	6	1
OAS1	1.1	0.5	-0.3	-0.2	1.9	0.0	0.4	-1.8	3	1
PRDX5	-0.1	0.1	0.4	0.6	-0.1	1.1	-1.9	0.0	6	1
RPS16	0.0	-0.5	0.5	1.0	-0.3	-0.7	-0.2	-0.2	2	2
COL3A1	-1.3	1.0	0.3	1.0	0.4	1.7	0.5	1.3	2	2
FABP4	0.2	0.0	-0.2	1.0	-0.6	-0.5	-0.4	-0.1	8	7
NA	-0.6	0.2	0.5	0.9	-0.2	0.6	-0.8	-1.0	2	1
IPO5	-0.3	-0.2	0.7	0.7	-0.2	-0.6	-0.1	-0.2	9	10
FMR1	1.2	-1.2	0.6	0.4	1.1	14.5	1.8	0.2	2	1
KHDRBS1	0.1	-0.2	0.3	0.8	0.9	0.8	0.6	-1.7	2	1
LOC100738725	0.3	-0.1	0.0	0.9	0.0	0.7	0.2	1.8	1	1
LOC100620687	1.4	0.2	-0.2	-0.5	0.2	-0.5	-0.9	-0.5	1	1
HNRNPR	-0.1	0.1	0.5	0.5	-0.1	-0.4	-0.4	-1.5	10	10
FKBP5	-0.1	0.0	0.4	0.7	0.8	1.2	-0.5	-0.3	3	1
PSMD8	-0.1	0.3	0.5	0.3	-0.6	-0.7	-0.1	0.4	4	2
PI-9	0.9	0.5	-0.1	-0.3	2.0	2.8	1.4	-0.8	4	4
HSD17B8	1.4	0.5	0.0	-0.8	0.6	-0.3	0.2	-0.8	2	3
RAB6C	0.0	0.1	0.4	0.5	0.0	0.4	0.9	1.0	5	4
PAK1	0.2	0.0	0.4	0.4	1.0	1.5	-0.1	-0.7	1	1
KPNB1	0.2	0.1	0.3	0.5	0.4	0.5	-0.7	-0.4	17	12
LOC100156557	-1.4	0.6	0.4	1.4	-2.7	-1.4	0.2	0.5	7	7
EIF3H	0.1	-0.2	0.4	0.7	-0.6	-0.3	-0.5	0.2	3	5
NA	0.5	0.3	0.1	0.0	0.4	0.9	-0.2	-0.9	1	2
PDLIM3	0.5	0.3	0.2	0.0	0.1	0.4	0.0	-1.6	6	2
QDPR	0.9	0.2	0.0	-0.2	0.4	0.3	-0.6	-0.2	8	8
NA	0.2	0.0	0.1	0.6	0.1	0.4	-0.6	0.0	3	3
RPL13A	0.0	-0.6	0.5	1.0	-0.4	-0.4	0.1	-0.1	4	3
ATP6V1A	0.0	0.1	0.3	0.5	-0.4	-0.3	0.0	0.5	9	4
CARKD	0.8	0.5	-0.1	-0.3	-0.5	-0.9	-0.5	-1.1	5	4
LOC100620394	0.0	0.1	0.1	0.7	-0.6	-1.5	-1.5	-1.7	6	4
CHRNB1	0.8	0.5	-0.1	-0.2	0.1	-0.4	4.5	1.9	1	1
ANXA13	-0.2	-0.1	0.5	0.8	-0.3	-0.6	0.0	1.2	1	1
LOC100739233	0.1	0.0	0.3	0.5	1.2	0.5	0.5	0.8	4	2
MYH4	0.8	0.8	-0.2	-0.4	-2.0	1.3	-1.1	-0.1	4	4
GSS	0.5	-0.3	0.2	0.6	-0.4	-0.5	0.9	0.5	2	1
RTCA	-0.1	0.5	-0.1	0.6	0.5	0.6	-0.9	-1.1	2	2
MGMT	0.6	0.5	0.0	-0.1	-0.1	0.3	-1.8	-0.9	3	1
LBR	-0.2	0.3	0.4	0.4	0.1	0.9	0.4	0.1	3	1
PLGRKT	0.8	0.5	-0.1	-0.2	0.2	0.2	-0.6	0.2	5	5

I3LHR4	PIG Uncharacterized protein	LOC100739651	1.0	0.3	-0.2	-0.2	1.3	0.4	-0.4	-2.6	1	1
I3LSS2	PIG Uncharacterized protein (Fragment)	CHMP2A	0.0	0.1	0.2	0.6	1.8	0.3	-0.5	0.7	1	1
K9J6J2	PIG Erythrocyte band 7 integral membrane protein isoform a	STOM_tv1	0.4	0.3	0.1	0.1	0.7	-0.4	-0.8	-0.3	4	2
P00519	HUMAN Tyrosine-protein kinase ABL1	ABL1	0.3	-0.4	0.2	0.8	0.4	0.8	0.4	0.9	1	1
F1RZ28	PIG Uncharacterized protein	RPS10	-1.0	0.0	0.7	1.2	0.4	0.8	1.3	1.4	5	7
Q5T7N0	HUMAN 60S ribosomal protein L5 (Fragment)	RPL5	-1.0	-0.3	0.7	1.5	-0.4	0.4	0.0	1.2	1	1
F1SL58	PIG Uncharacterized protein (Fragment)	LOC100519091	0.3	0.2	0.2	0.3	2.1	2.1	0.6	-1.1	10	6
F1SRM1	PIG Uncharacterized protein (Fragment)	MYO10	0.6	0.4	0.2	-0.3	-0.9	0.1	-1.8	-0.5	2	2
F1RWP3	PIG Uncharacterized protein	CYGB	0.2	0.1	0.0	0.6	0.1	1.0	0.8	0.6	6	1
K7GQ07	PIG Neuropilin-1 isoform a	NRP1	0.1	0.0	0.1	0.7	-0.6	1.5	0.0	1.0	2	1
I3LI96	PIG Uncharacterized protein	NA	1.4	0.0	0.0	-0.4	0.1	-0.3	-1.1	0.2	1	4
F1ST77	PIG Uncharacterized protein	ADCY1	0.8	0.2	-0.1	0.0	0.5	-0.2	0.7	0.0	1	2
F1RP17	PIG T-complex protein 1 subunit gamma	CCT3	0.0	-0.1	0.4	0.6	0.4	0.9	0.5	0.5	12	15
P15982	PIG SLA class II histocompatibility antigen, DQ haplotype C beta chain	NA	0.3	0.1	0.2	0.3	-0.6	-0.2	-2.0	-0.4	3	2
I3L816	PIG Uncharacterized protein	HNRNPH1	0.2	0.3	0.1	0.3	0.8	1.8	0.0	-0.8	2	2
F1S1B0	PIG Uncharacterized protein	TOMM40L	-0.4	0.1	1.0	0.3	-1.1	-0.8	0.7	-0.1	1	1
F1S399	PIG Uncharacterized protein (Fragment)	FAF2	0.6	0.5	0.4	-0.5	0.5	0.7	0.1	-0.1	1	2
Q86V81	HUMAN THO complex subunit 4	ALYREF	1.0	0.0	-0.3	0.2	0.7	0.4	0.0	0.0	4	4
I3LNQ4	PIG Uncharacterized protein	MAP3K2	1.0	0.7	-0.3	-0.5	-0.8	-1.2	-1.5	-1.0	1	1
P79324	PIG 60S ribosomal protein L15 (Fragment)	RPL15	-0.7	-0.5	0.7	1.4	-1.5	-1.8	-0.2	-0.4	6	4
Q9NQC3	HUMAN Reticulon-4	RTN4	0.6	0.1	0.2	0.1	0.6	0.4	-0.9	-1.2	1	1
Q7M2W6	PIG Alpha-crystallin B chain	CRYAB	-0.8	0.1	0.8	0.7	-0.5	0.5	1.2	0.4	13	13
F2Z5R2	PIG Uncharacterized protein (Fragment)	RHEB	0.6	0.3	-0.1	0.1	0.7	0.0	-1.1	-1.0	1	1
P08133	HUMAN Annexin A6	ANXA6	0.8	0.5	0.2	-0.6	0.6	0.8	-0.7	-1.3	1	1
Q14204	HUMAN Cytoplasmic dynein 1 heavy chain 1	DYNC1H1	0.3	0.0	0.1	0.5	-0.4	-0.1	-0.5	0.1	44	45
F1RX16	PIG Uncharacterized protein	DDX3X	-0.2	-0.1	0.5	0.7	0.3	1.2	-0.1	-0.2	11	8
F1STP0	PIG Uncharacterized protein	FAT3	0.5	0.7	-0.2	-0.1	0.2	0.0	0.0	-0.1	1	1
P12309	PIG Glutaredoxin-1	GLRX	-0.7	0.2	0.5	0.9	1.3	2.1	0.6	0.7	4	3
I3L6B9	PIG Uncharacterized protein	PSMD7	-0.3	0.2	0.6	0.5	-1.2	-1.0	-0.5	-0.4	1	1
Q29228	PIG 4-trimethylaminobutyraldehyde dehydrogenase (Fragment)	ALDH9A1	0.2	-0.3	0.5	0.5	-0.2	-0.5	0.7	0.0	2	2
F1RYZ0	PIG 60S acidic ribosomal protein P2	RPLP2	0.1	0.2	0.2	0.3	2.1	1.6	0.0	-1.7	4	2
Q92901	HUMAN 60S ribosomal protein L3-like	RPL3L	-0.3	-0.1	0.6	0.6	0.0	0.4	0.2	0.0	2	2
A5A759	PIG Keratin 2A	KRT2A	1.0	-0.1	0.7	-0.7	0.3	-2.1	2.2	-0.2	2	3
F1RKW8	PIG Uncharacterized protein (Fragment)	PSMD11	0.2	-0.1	0.3	0.5	0.3	0.3	-0.1	-0.9	10	6
Q12769-3	HUMAN Isoform 3 of Nuclear pore complex protein Nup160	NUP160	0.0	-0.4	0.6	0.6	-1.2	-0.2	-0.1	-0.3	1	1
F1RU38	PIG Uncharacterized protein	SF3B2	-0.2	-0.1	0.4	0.7	0.7	-0.2	-1.1	0.3	2	1
B7TJ03	PIG Ribosomal protein L26-like 1	RPL26L1	-0.6	-0.5	0.7	1.2	-1.1	-0.5	0.0	0.5	5	5
P50578	PIG Alcohol dehydrogenase [NADP(+)]	AKR1A1	-0.4	-0.2	0.6	0.8	-0.4	0.1	0.4	-0.2	9	7
Q8TC05	HUMAN Nuclear protein MDM1	MDM1	1.3	0.1	-0.2	-0.3	1.6	1.2	0.7	0.9	1	1
F1S8X9	PIG Uncharacterized protein	HOGA1	1.1	0.3	0.1	-0.6	-0.2	-0.5	-1.1	-1.6	3	4

I3LQI9	PIG Uncharacterized protein (Fragment)
Q8WNY6	PIG Cytoplasmic light-chain dynein
F1SFL1	PIG Uncharacterized protein
F1STR6	PIG Uncharacterized protein
A2TLM1	PIG Ribose-5-phosphate isomerase
P0C671	HUMAN Uncharacterized protein C6orf222
P31689	HUMAN DnaJ homolog subfamily A member 1
Q52NJ1	PIG Ras-related protein Rab-11A
H7C2V0	HUMAN Fatty acid desaturase 1 (Fragment)
Q99963	HUMAN Endophilin-A3
F1RL48	PIG Uncharacterized protein
F1SKQ0	PIG Uncharacterized protein (Fragment)
Q8MHT7	PIG MHC class I antigen
F1SUE3	PIG Uncharacterized protein
F1RZQ9	PIG Uncharacterized protein
F1SQS2	PIG Uncharacterized protein
F1RFB4	PIG Uncharacterized protein (Fragment)
I3LU76	PIG Uncharacterized protein
D2SW95	PIG Coatomer subunit beta
F1S431	PIG Uncharacterized protein
P60900	HUMAN Proteasome subunit alpha type-6
F2Z5B4	PIG Uncharacterized protein
I3LFL4	PIG 60S ribosomal protein L18 (Fragment)
Q9P278	HUMAN Folliculin-interacting protein 2
I3LV17	PIG Uncharacterized protein (Fragment)
Q6QAP7	PIG 40S ribosomal protein S17
P79403	PIG Neutral alpha-glucosidase AB
Q863Z0	PIG Proteasome activator complex subunit 2
F1S1L1	PIG Uncharacterized protein
F1SBC8	PIG Uncharacterized protein
F1S8L9	PIG Uncharacterized protein
F1SAG9	PIG Uncharacterized protein
P02554	PIG Tubulin beta chain
F1S9D6	PIG Myosin-7
I3LRH2	PIG Uncharacterized protein
F1S710	PIG Uncharacterized protein
F1SNL1	PIG Cerebellin 2
I3LCA2	PIG Uncharacterized protein
I3LI13	PIG Uncharacterized protein
P79381	PIG Epoxide hydrolase 1

RAP1GDS1	0.3	0.5	0.1	0.0	1.0	1.5	1.2	0.7	1	1
NA	-0.8	-0.5	0.7	1.4	-0.2	0.2	0.3	1.4	1	1
ARL8B	0.2	-0.2	0.2	0.7	0.0	0.3	-0.4	-0.1	2	2
NUDC	-0.5	-0.3	0.7	1.0	-0.3	-0.2	0.3	0.3	13	4
RPIA	0.8	0.5	-0.1	-0.4	0.3	0.2	-0.2	-0.7	4	3
C6orf222	0.2	0.0	0.3	0.3	0.3	-0.3	1.2	-1.3	1	1
DNAJA1	0.1	0.1	0.2	0.5	0.5	0.2	-0.8	-0.1	3	1
RAB11A	-0.1	0.3	0.3	0.3	-0.5	0.0	0.0	0.5	9	8
FADS1	0.8	0.7	0.0	-0.6	0.1	-0.3	-1.5	-0.7	2	1
SH3GL3	0.8	0.7	-0.2	-0.5	0.3	0.4	0.4	0.5	1	1
ACAD10	0.8	0.7	0.2	-0.9	0.0	-0.3	-1.4	-1.8	1	1
DDX17	0.2	-0.4	0.4	0.6	0.5	0.7	-0.1	-0.1	19	11
SLA-1	0.6	-0.2	0.1	0.3	0.4	-0.4	-1.4	-1.7	1	1
PPA1	-0.2	-0.1	0.6	0.6	0.7	0.2	-0.4	-1.9	6	1
MNF1	0.6	0.5	0.0	-0.3	0.0	0.7	0.4	0.4	2	2
TMPO	0.9	-0.1	0.0	0.1	0.0	0.4	1.0	0.7	2	1
SLC9A3R2	1.0	-0.3	0.1	0.1	0.8	0.1	0.0	-0.9	3	2
CAND2	0.5	0.0	0.1	0.3	0.8	0.4	-0.6	-0.4	5	5
COPB1	-0.3	-0.4	0.6	1.0	-0.2	0.3	0.2	0.8	13	4
AARS	0.3	-0.2	0.1	0.6	2.9	0.3	-0.1	0.6	9	1
PSMA6	0.4	0.2	0.2	0.1	1.0	1.0	1.0	-0.8	2	1
HNRNPA3	-0.5	-0.3	0.5	1.0	-0.2	1.0	1.3	0.0	14	10
RPL18	-0.1	-0.5	0.3	1.1	-0.3	0.2	-0.3	1.6	1	2
FNIP2	2.6	0.2	-0.8	-1.2	-0.7	-0.4	-0.1	0.7	1	1
RALB	0.5	0.2	0.0	0.1	0.4	0.5	-0.6	-0.5	4	2
RPS17	-0.4	-0.5	0.7	1.1	0.4	0.8	0.0	-0.4	6	3
GANAB	-0.1	0.0	0.3	0.7	-0.3	-0.3	-0.1	-0.3	25	18
PSME2	-0.2	-0.2	0.4	0.8	2.2	2.2	0.6	0.1	7	2
TIMM8A	0.7	0.9	-0.4	-0.4	3.5	1.0	0.2	-2.6	2	1
EMILIN2	-0.2	0.4	0.4	0.1	0.7	0.7	0.4	0.6	2	2
HNRNPU	-0.3	-0.2	0.4	0.9	0.4	0.8	0.4	0.0	20	10
MCAM	-0.7	0.0	0.5	1.0	0.1	0.7	0.5	-0.3	1	1
NA	-0.5	-0.4	0.5	1.2	0.6	0.7	-0.4	-1.0	24	20
MYH7	2.4	0.4	-1.0	-1.0	1.6	1.0	-0.7	-0.2	2	2
LOC100519984	-0.4	0.2	0.6	0.4	1.5	0.8	-0.7	-1.6	19	9
CACYBP	-0.4	-0.1	0.5	0.8	0.7	0.8	-0.7	-0.4	6	1
CBLN2	0.9	0.7	-0.3	-0.5	-0.1	1.1	0.6	-0.7	1	1
CCT8	0.0	-0.3	0.4	0.7	0.0	0.1	0.2	0.7	26	18
EEF2	-0.8	-0.5	0.9	1.3	-1.2	-0.8	-0.2	0.3	29	23
EPHX1	0.7	0.4	0.1	-0.4	0.2	-0.1	1.1	0.2	11	14

F1SFA7	PIG Uncharacterized protein
F1RS45	PIG DNA topoisomerase 2
F1SLZ3	PIG Uncharacterized protein (Fragment)
F1SH76	PIG Uncharacterized protein
Q29593	PIG Transaldolase (Fragment)
F1S9S9	PIG Uncharacterized protein
Q6PGN9	HUMAN Proline/serine-rich coiled-coil protein 1
Q27HK4	PIG Metaxin-1
I3LSY1	PIG Uncharacterized protein
Q6S4N2	PIG Heat shock 70 kDa protein 1B
Q2YHQ3	PIG Filamin-A (Fragment)
F1RUH7	PIG Uncharacterized protein
Q96QR8	HUMAN Transcriptional activator protein Pur-beta
Q06190	HUMAN Serine/threonine-protein phosphatase 2A regulatory subunit B'' subunit alpha
F1RNN0	PIG Uncharacterized protein
O43684-2	HUMAN Isoform 2 of Mitotic checkpoint protein BUB3
B6VAQ2	PIG Proteasome subunit alpha type 6
I3LDQ9	PIG Uncharacterized protein
F1SLC2	PIG Uncharacterized protein (Fragment)
Q9NP79	HUMAN Vacuolar protein sorting-associated protein VTA1 homolog
P49666	PIG 60S ribosomal protein L21 (Fragment)
P46778	HUMAN 60S ribosomal protein L21
F2Z5A8	PIG Structural maintenance of chromosomes protein
I3LQ16	PIG Uncharacterized protein
O60437	HUMAN Periplakin
F1S5H7	PIG Uncharacterized protein
I3L6L6	PIG Uncharacterized protein
F1RXG2	PIG Uncharacterized protein
I3LDC7	PIG Isocitrate dehydrogenase [NADP] (Fragment)
D5K895	PIG Spermatogenesis associated serine-rich 2-like protein
Q9C007	HUMAN Voltage-gated sodium channel alpha subunit splice variant SCN3A-s
Q75N90	HUMAN Fibrillin-3
Q04967	PIG Heat shock 70 kDa protein 6
B8XSJ2	PIG ER lipid raft-associated 2 isoform 2
I3LFQ9	PIG Uncharacterized protein
Q16186	HUMAN Proteasomal ubiquitin receptor ADRM1
F1SPK1	PIG Uncharacterized protein (Fragment)
H0YI37	HUMAN ATP synthase subunit beta, mitochondrial (Fragment)
I3LB68	PIG Uncharacterized protein
Q19PY1	PIG Phosphorylase (Fragment)

COL1A2	-0.8	0.5	0.0	1.1	1.9	4.3	1.3	1.8	11	8
NA	0.0	-0.2	0.5	0.5	0.6	2.9	0.2	-0.5	4	1
LOC100520244	1.1	1.2	-0.5	-1.0	2.5	0.8	0.3	0.3	3	1
HMGGA2	0.0	0.0	0.3	0.5	1.1	1.6	1.6	1.2	1	2
TALDO1	0.2	-0.2	0.2	0.7	0.6	0.0	-0.8	-0.3	1	1
FUBP1	0.3	-0.4	0.3	0.6	1.6	1.2	0.5	0.4	8	3
PSRC1	0.7	0.0	0.1	0.0	-1.7	-1.6	-1.2	-0.1	1	1
MTX1	0.8	0.5	-0.3	-0.2	0.8	1.1	-0.3	-0.1	2	4
MRPL12	0.4	0.3	-0.1	0.2	1.4	2.4	2.3	1.5	1	1
HSPA1B	0.2	0.3	0.1	0.1	0.5	0.9	0.4	-0.4	8	6
FLNA	-0.8	-0.1	0.6	1.2	-0.9	-0.7	1.6	1.4	9	3
TPMT	0.9	-0.1	0.3	-0.3	-0.1	-0.6	-0.9	0.4	1	2
PURB	0.9	-0.1	-0.2	0.1	1.7	2.2	3.8	1.7	1	1
PPP2R3A	0.3	0.2	0.4	-0.2	1.7	2.8	6.7	3.3	2	1
VPS29	0.2	-0.5	0.3	0.7	-0.5	-0.7	0.0	0.9	5	2
BUB3	0.0	0.0	0.1	0.6	0.7	-0.8	-0.9	-0.6	2	1
PSMA6	0.3	-0.3	0.3	0.4	0.9	0.6	1.8	-1.1	6	5
LOC100737818	0.4	0.5	0.2	-0.4	-0.6	-0.8	-0.5	0.9	3	4
TOMM22	0.9	0.3	-0.2	-0.3	0.9	0.0	0.0	-0.2	4	4
VTA1	-0.1	0.1	0.3	0.4	-0.1	-0.5	-0.2	-0.1	1	1
RPL21	-0.7	-0.6	0.7	1.3	-0.3	0.7	1.7	0.3	3	3
RPL21	-0.1	-0.3	0.3	0.9	0.0	0.7	0.2	-0.8	1	1
SMC1A	0.2	-0.5	0.7	0.3	0.5	-0.3	0.2	0.7	5	3
NA	-0.8	0.0	0.6	0.8	-2.0	-1.5	-0.7	0.7	1	1
PPL	0.2	1.2	0.3	-1.0	0.0	0.1	1.7	1.3	2	2
NHLRC2	0.8	0.3	0.0	-0.4	0.4	0.3	-0.4	-0.7	5	11
AKNA	1.9	-1.1	-0.3	0.3	-0.5	0.0	-0.1	0.9	1	1
KRT28	0.1	0.8	-0.2	0.1	0.6	-1.3	1.6	9.3	2	3
IDH1	0.0	0.3	0.1	0.3	0.6	1.7	0.7	0.0	11	9
SPATS2L	-0.1	0.6	0.1	0.1	1.0	0.3	-0.4	0.8	2	2
SCN3A	1.0	1.3	-0.6	-1.0	1.5	4.6	2.1	-0.3	1	1
FBN3	-0.3	-0.3	0.4	0.9	0.9	-0.3	0.7	0.4	1	1
HSPA6	0.0	-0.4	0.3	0.8	0.0	-0.3	-0.4	-1.8	2	4
ERLIN2	0.5	0.2	0.0	0.0	0.1	0.3	-0.7	0.1	5	4
LOC100522249	0.0	0.0	0.6	0.1	-1.5	-0.8	-0.2	-0.4	1	1
ADRM1	-0.3	-0.4	0.5	0.8	0.1	0.3	-0.2	-0.1	1	1
PLXND1	0.4	0.6	-0.3	-0.1	0.1	0.7	-0.1	1.3	1	1
ATP5B	0.5	0.1	0.2	-0.1	0.3	1.0	0.6	-0.5	1	1
DAZAP1	0.6	-0.2	0.2	0.0	-1.1	-1.5	-2.0	-1.4	2	2
PYGM	0.6	0.1	-0.2	0.1	0.3	1.3	3.0	2.1	1	1

Q29387	PIG Elongation factor 1-gamma (Fragment)
I3LKU0	PIG Uncharacterized protein
F2Z558	PIG Uncharacterized protein (Fragment)
F1SSN5	PIG Uncharacterized protein
F1RKF2	PIG Nitric oxide synthase
F1SUB2	PIG Uncharacterized protein (Fragment)
P35527	HUMAN Keratin, type I cytoskeletal 9
F1SD87	PIG Uncharacterized protein (Fragment)
I3LI20	PIG Uncharacterized protein
I3LJT9	PIG Protein phosphatase methylesterase 1 (Fragment)
F1RQ85	PIG Uncharacterized protein
Q9UQ90	HUMAN Paraplegin
F1SUD8	PIG Uncharacterized protein (Fragment)
Q15019	HUMAN Septin-2
P17661	HUMAN Desmin
Q9BUB5	HUMAN MAP kinase-interacting serine/threonine-protein kinase 1
I3LMU5	PIG Uncharacterized protein
F1SCY0	PIG Uncharacterized protein (Fragment)
F1RPM0	PIG Uncharacterized protein (Fragment)
I3LCP8	PIG Uncharacterized protein
I3LCA1	PIG 6-phosphofructokinase, muscle type
Q29315	PIG 60S acidic ribosomal protein P2
O97763	PIG Epididymal secretory protein E1
Q92545	HUMAN Transmembrane protein 131
I3LTY2	PIG Uncharacterized protein (Fragment)
I3LSD3	PIG 60S ribosomal protein L13
B4E031	HUMAN cDNA FLJ54213, moderately similar to Programmed cell death protein 7
F1RNW4	PIG Uncharacterized protein
F1RJM2	PIG Endoplasmic reticulum resident protein 29 (Fragment)
I3LS62	PIG Ribosomal protein L15
Q29550	PIG Liver carboxylesterase
F1SIK9	PIG Uncharacterized protein
P13645	HUMAN Keratin, type I cytoskeletal 10
P04114	HUMAN Apolipoprotein B-100
F1S4G6	PIG Uncharacterized protein
Q58FF7	HUMAN Putative heat shock protein HSP 90-beta-3
C5I4T6	PIG Phosphoenolpyruvate carboxykinase 2
P23229	HUMAN Integrin alpha-6
F1SCS2	PIG Uncharacterized protein
O75342	HUMAN Arachidonate 12-lipoxygenase, 12R-type

EEF1G	-1.2	-0.7	1.0	1.5	-1.3	-0.7	0.3	0.3	18	17
RAC2	-0.5	0.1	0.5	0.6	-1.3	-0.9	-0.5	0.3	4	2
YWHAZ	-0.5	-0.7	0.6	1.4	-0.6	-0.4	-0.3	-0.4	2	2
KTN1	0.2	0.0	0.1	0.4	0.5	0.7	-0.2	0.8	16	11
NOS1	-1.1	1.3	-1.2	1.7	2.7	-1.0	9.9	3.1	1	1
SGPL1	0.1	0.0	0.3	0.3	0.1	0.8	0.1	-0.3	2	1
KRT9	1.0	0.0	-0.1	-0.2	2.2	3.5	6.9	4.1	17	15
FBLN5	0.3	0.3	0.0	0.0	0.7	0.7	0.9	1.2	6	4
ABCD3	0.4	-0.2	0.1	0.3	3.2	1.4	1.2	1.0	1	2
PPME1	-0.2	-0.2	1.2	-0.2	-0.3	-0.5	-0.4	-0.3	3	5
NA	0.3	0.1	0.1	0.1	0.1	-0.9	-1.0	-2.5	1	1
SPG7	0.5	0.4	-0.1	-0.1	0.0	-0.4	-1.3	0.3	2	2
C9orf89	1.5	0.5	-0.4	-0.9	0.4	0.3	-0.6	-1.2	1	1
SEPT2	0.0	-0.3	0.0	0.9	0.6	0.5	-0.3	-1.0	1	1
DES	-0.1	-0.3	0.7	0.3	0.2	0.2	-0.3	-2.2	1	1
MKNK1	-0.6	0.0	0.3	1.0	3.0	1.8	2.3	0.1	1	1
NA	0.1	0.0	0.1	0.4	-0.1	0.1	2.8	0.4	6	2
IFIT5	-0.1	-0.1	0.2	0.6	7.5	5.9	1.2	2.5	2	1
LOC100525092	0.0	0.1	0.1	0.5	0.1	0.2	0.9	0.3	1	1
HMSD	0.7	0.1	0.0	-0.2	-0.4	-1.4	-1.4	0.2	1	1
PFKM	0.2	0.0	0.4	0.0	-0.9	-1.5	-0.8	-0.1	1	3
RPLP2	0.4	0.5	0.0	-0.1	2.3	1.1	-0.1	-1.5	3	3
NPC2	-0.4	-0.6	0.6	1.0	-1.0	-0.2	0.0	-0.3	1	2
TMEM131	0.7	0.2	-0.1	-0.2	-0.6	0.6	-0.8	-1.0	1	1
DOCK9	0.3	0.3	0.1	-0.1	-0.5	-0.6	-1.3	0.2	2	1
RPL13	-0.7	-0.6	0.6	1.3	-0.4	0.2	0.1	1.9	9	9
NA	1.1	0.5	-0.5	-0.5	5.3	1.9	0.4	-0.5	1	1
LOC100739263	-0.6	-0.3	0.7	0.8	0.8	1.9	0.0	-0.1	5	3
ERP29	0.7	0.2	-0.1	-0.2	0.2	0.6	-0.5	0.0	6	3
NA	-0.7	-1.0	0.8	1.6	-1.8	-1.1	-0.5	0.7	3	3
NA	0.7	1.0	-0.3	-0.8	0.6	1.4	0.5	-1.8	2	2
SEPT7	0.0	-0.2	0.1	0.6	-0.3	0.1	-0.2	-0.6	9	4
KRT10	0.2	0.9	-0.3	-0.2	0.1	-1.9	0.4	4.2	15	12
APOB	0.6	-0.1	-0.2	0.2	2.3	1.9	0.9	-1.1	6	1
TMEM33	0.0	0.1	0.3	0.2	-0.6	-0.7	0.6	0.3	1	1
HSP90AB3P	-1.4	-0.7	1.3	1.4	-0.1	1.6	-0.1	1.5	1	1
PCK2	0.3	-0.4	0.1	0.7	-2.0	-1.1	-1.5	0.1	3	1
ITGA6	0.5	0.6	0.1	-0.6	-1.2	-0.7	0.2	0.6	1	1
MYCN	-0.6	-0.1	0.5	0.7	-0.6	-0.1	1.7	-0.2	1	1
ALOX12B	-1.1	0.1	1.1	0.5	0.3	0.2	2.5	1.8	1	1

F1RX74	PIG Uncharacterized protein (Fragment)	HNRNPA2B1	-0.5	-0.6	0.6	1.1	-0.1	1.3	0.6	0.4	12	11
F1S848	PIG Uncharacterized protein	NT5C2	-0.1	0.0	0.2	0.5	-0.5	-0.3	-0.4	0.0	2	2
F1RIE2	PIG Uncharacterized protein	DDB1	0.4	-0.2	0.1	0.3	-0.4	-0.1	0.1	-1.4	10	11
F1RPH6	PIG Uncharacterized protein (Fragment)	MAGT1	-1.2	-0.2	0.5	1.4	-0.5	-0.7	-0.6	0.6	2	2
P25705	HUMAN ATP synthase subunit alpha, mitochondrial	ATP5A1	1.1	0.6	-0.3	-0.8	1.2	-0.4	0.1	0.6	1	2
I3LEF8	PIG Uncharacterized protein	HSD17B4	0.6	0.0	-0.1	0.0	-0.3	-0.1	-0.6	-0.2	9	7
P62136	HUMAN Serine/threonine-protein phosphatase PP1-alpha catalytic subunit	PPP1CA	-0.2	-0.2	0.4	0.6	0.0	0.3	-0.2	-0.3	2	2
F1SGC2	PIG Uncharacterized protein	CCDC39	0.3	-0.2	0.0	0.5	0.7	0.5	-0.4	0.2	1	1
F1RK10	PIG Uncharacterized protein (Fragment)	RAPGEF6	0.6	-0.2	-0.2	0.3	0.2	-0.2	-1.1	-3.1	1	1
F1RR06	PIG Glycylpeptide N-tetradecanoyltransferase	NMT1	0.2	-0.3	0.2	0.3	-1.0	-0.4	-1.1	0.4	3	4
Q8MJ31	PIG Hepatocyte growth factor activator (Fragment)	NA	-0.2	0.5	-0.4	0.6	2.5	4.7	1.7	1.9	1	1
F1SG10	PIG Uncharacterized protein	PRPS2	-0.4	-0.2	0.3	0.8	0.3	1.5	0.4	0.0	2	1
H3BQD4	HUMAN Ribosome biogenesis protein TSR3 homolog (Fragment)	TSR3	0.2	0.1	0.6	-0.3	0.6	0.0	0.1	0.6	1	1
P04264	HUMAN Keratin, type II cytoskeletal 1	KRT1	0.2	0.7	-0.2	-0.2	1.0	-0.2	5.1	9.1	20	25
G0WL64	PIG RING finger protein 3	murf3	1.1	-0.1	-0.4	-0.1	-0.3	0.0	-0.5	0.1	4	1
P61086	HUMAN Ubiquitin-conjugating enzyme E2 K	UBE2K	0.4	-0.5	0.0	0.6	0.7	3.0	-0.2	-0.8	4	1
P09874	HUMAN Poly [ADP-ribose] polymerase 1	PARP1	0.5	-0.1	0.1	0.1	0.5	0.9	1.0	0.7	1	1
Q95274	PIG Thymosin beta-4	TMSB4	-1.2	0.1	0.7	0.9	2.3	-0.2	-0.9	-1.4	2	1
K9IVN9	PIG Thyroid hormone receptor-associated protein 3	THRAP3	-1.0	-1.3	0.8	1.9	-2.0	-1.0	-0.8	1.4	1	3
P02550	PIG Tubulin alpha-1A chain	TUBA1A	-0.5	-0.8	0.6	1.3	0.0	0.0	-0.3	-0.5	21	16
F1SGG3	PIG Uncharacterized protein	KRT1	0.5	0.5	-0.4	-0.1	0.7	-0.4	5.4	8.4	7	7
F1SP81	PIG Uncharacterized protein (Fragment)	PLAA	0.4	-0.3	0.0	0.4	-0.4	-1.1	-0.6	-0.6	4	4
F1SIY2	PIG Uncharacterized protein	LOC100520175	0.6	0.5	-0.1	-0.5	0.8	0.0	-0.5	-0.6	2	3
Q1W674	PIG Hexokinase-2	HK2	0.6	0.5	0.1	-0.6	0.0	-0.1	0.0	0.2	6	6
F1RIE4	PIG Uncharacterized protein	LOC100525876	0.3	-0.1	0.1	0.2	0.6	0.8	0.2	0.0	8	9
Q86SX3	HUMAN Uncharacterized protein C14orf80	C14orf80	0.0	0.2	-0.1	0.4	-1.6	-1.9	-2.0	-1.1	1	1
I3LQH4	PIG Uncharacterized protein (Fragment)	NA	-0.3	-0.8	0.5	1.1	-0.8	-0.3	-0.7	-0.6	1	1
I3LCR2	PIG Uncharacterized protein (Fragment)	NA	0.8	-0.4	-0.1	0.2	1.3	2.1	-0.4	-1.7	1	1
F2Z5G2	PIG Uncharacterized protein	SMC3	-0.5	-0.5	0.5	1.0	-0.8	0.2	-1.6	0.3	3	3
P46782	HUMAN 40S ribosomal protein S5	RPS5	-0.3	-0.3	0.4	0.7	-0.8	-0.6	0.3	0.2	6	6
Q02388	HUMAN Collagen alpha-1(VII) chain	COL7A1	0.5	0.1	0.0	-0.1	-0.5	-0.6	1.2	1.6	4	3
F1RFN9	PIG Fascin	FSCN1	-0.6	-0.3	0.3	1.1	-0.2	0.7	-0.5	-0.6	13	9
B6V8C8	PIG 40S ribosomal protein S3a	RPS3A	-0.8	-0.6	0.7	1.2	0.1	0.2	0.6	0.8	12	9
F1S9K5	PIG Uncharacterized protein	EPRS	-0.1	-0.3	0.3	0.6	-0.2	-0.3	-0.1	0.0	18	12
F1S420	PIG Uncharacterized protein	NA	-0.8	-0.4	0.7	1.1	1.3	2.5	2.2	1.5	5	3
Q9HDC9	HUMAN Adipocyte plasma membrane-associated protein	APMAP	0.7	1.1	-0.6	-0.7	3.0	2.9	-0.2	-3.6	1	1
I3LQD3	PIG Calpain-2 catalytic subunit (Fragment)	CAPN2	0.4	0.0	0.0	0.0	-0.2	-0.5	-1.1	-0.7	1	1
Q96GQ5	HUMAN UPF0420 protein C16orf58	C16orf58	0.6	0.5	0.1	-0.6	-2.0	-4.1	-4.0	-2.6	1	1
F1SP56	PIG Uncharacterized protein	NIPSNAP3A	0.7	0.1	-0.1	-0.1	0.4	0.3	1.5	-0.8	5	6
P28838	HUMAN Cytosol aminopeptidase	LAP3	0.4	-0.1	-0.2	0.4	0.2	0.5	2.3	1.0	4	4

O43681	HUMAN ATPase ASNA1
I3LIC8	PIG Uncharacterized protein
F1RHW4	PIG Uncharacterized protein
K7GRN9	PIG Uncharacterized protein
F1S8Y2	PIG Uncharacterized protein (Fragment)
F1SG95	PIG Uncharacterized protein
O18866	PIG Calcium-activated potassium channel subunit alpha-1 (Fragment)
O75161	HUMAN Nephrocystin-4
Q28956	PIG 17beta-estradiol dehydrogenase
F1SU28	PIG Uncharacterized protein
P49721	HUMAN Proteasome subunit beta type-2
I3L688	PIG Uncharacterized protein
I3LQ51	PIG Proteasome subunit beta type
F1RU33	PIG Uncharacterized protein
F1SD98	PIG Uncharacterized protein
D0G6Y0	PIG Hydroxysteroid (17-beta) dehydrogenase 12 (Fragment)
F1SKJ5	PIG Eukaryotic translation initiation factor 3 subunit D
F1SC07	PIG Uncharacterized protein (Fragment)
F1SP32	PIG Uncharacterized protein
F1RP39	PIG Uncharacterized protein
Q64L94	PIG Proteasome activator complex subunit 1
K7GT00	PIG Uncharacterized protein (Fragment)
F1SK86	PIG Uncharacterized protein
P57058	HUMAN Hormonally up-regulated neu tumor-associated kinase
F1ST01	PIG Uncharacterized protein
F1SDX9	PIG Peroxiredoxin-2
Q29386	PIG Keratin type II cytoskeletal 8 (Fragment)
F1SBT6	PIG Uncharacterized protein
F1RLB6	PIG Uncharacterized protein
F1S9Y8	PIG Uncharacterized protein (Fragment)
I3LK68	PIG Uncharacterized protein (Fragment)
F1RWX8	PIG Uncharacterized protein
F1REW5	PIG Uncharacterized protein (Fragment)
F1SQ68	PIG Uncharacterized protein
F1SJG4	PIG Uncharacterized protein
Q8WUM4	HUMAN Programmed cell death 6-interacting protein
Q9HCS4	HUMAN Transcription factor 7-like 1
F1RY01	PIG Uncharacterized protein
F1SAD7	PIG Uncharacterized protein
F1RJL2	PIG Uncharacterized protein

ASNA1	0.9	0.1	-0.3	-0.2	-0.2	0.0	-1.4	-2.5	6	5
RASIP1	0.3	-0.1	-0.1	0.3	-0.8	1.1	0.2	1.5	2	2
RRAS	0.3	0.1	0.1	0.1	0.2	0.7	0.4	-0.5	5	6
FAM129A	0.0	0.2	-0.1	0.4	-0.3	-1.5	-2.2	-0.7	5	1
MMS19	0.6	0.0	0.1	-0.2	0.9	0.4	-0.5	-1.2	4	3
MRPS35	0.5	-0.1	-0.1	0.1	0.6	1.7	0.2	1.1	1	1
KCNMA1	0.9	0.1	-0.2	-0.3	-1.9	-1.3	-0.8	1.1	1	1
NPHP4	0.1	-0.2	0.2	0.4	0.4	0.8	-2.5	-1.6	1	2
NA	0.5	-0.1	0.1	-0.1	1.1	1.6	-0.1	-0.2	6	5
LIMS1	-0.3	-0.2	0.1	0.8	-0.8	-0.8	-0.4	-0.2	3	2
PSMB2	0.0	-0.5	0.3	0.6	0.7	0.2	0.6	-0.4	4	3
NA	-0.1	-0.2	0.4	0.3	-0.6	-1.2	-0.3	0.3	2	2
PSMB1	0.3	-0.2	0.2	0.2	1.4	0.6	1.7	-0.5	8	6
LOC100522848	-0.5	0.0	0.3	0.7	0.1	-0.6	-0.6	-0.9	3	2
TRMT1	-0.1	-0.3	0.2	0.6	0.4	0.8	0.6	0.3	1	1
HSD17B12	0.4	0.2	0.0	-0.1	-0.2	-0.1	0.3	-0.4	1	1
EIF3D	0.3	0.1	0.1	0.0	1.6	0.3	0.0	0.0	3	2
DNAH11	0.5	-0.2	0.1	0.1	1.2	0.3	0.6	0.3	4	1
RAD23B	-0.5	-0.2	0.3	0.8	2.9	2.4	0.8	-0.5	10	5
IQGAP3	0.1	-0.2	0.1	0.4	-0.1	0.2	0.4	0.2	2	1
PSME1	-0.2	-0.1	0.3	0.4	0.9	0.3	-0.2	-0.7	15	13
COL14A1	0.1	0.0	-0.1	0.4	0.7	0.8	-0.1	0.3	20	17
FKBP4	-0.7	0.1	0.5	0.6	-2.2	-5.2	-4.2	1.9	6	1
HUNK	0.3	0.6	-0.2	-0.3	1.1	1.5	0.8	0.5	1	1
SELENBP1	0.2	0.6	-0.1	-0.3	0.9	1.3	1.2	0.4	13	13
PRDX2	-0.4	0.0	0.6	0.2	0.2	-0.1	0.5	-0.2	1	1
NA	0.6	0.2	0.2	-0.6	-0.1	-1.4	1.1	5.6	1	1
KHSRP	-0.2	-0.1	0.1	0.6	2.0	2.5	2.3	0.4	14	7
NAPA	0.2	0.2	0.1	-0.1	0.6	0.0	-1.0	0.2	6	3
DYNC1H1	0.1	-0.2	0.0	0.5	-0.5	0.1	-1.0	-0.2	20	21
PFKP	0.0	-0.3	0.3	0.3	1.1	1.2	1.0	0.1	6	5
UBA1	-0.8	-0.7	0.5	1.4	-0.5	-0.8	-0.1	0.6	2	1
CLIP1	0.2	0.4	-0.1	0.0	0.1	-1.0	-0.9	0.0	8	6
TCTP	-0.1	-0.2	0.4	0.3	4.5	1.7	0.3	1.8	1	1
DMRT2	0.3	-0.3	0.1	0.3	-1.2	-0.6	-0.5	-1.2	1	1
PDCD6IP	-0.5	-0.2	0.5	0.5	-0.2	-0.5	-0.2	-1.3	3	2
TCF7L1	0.1	0.1	-0.2	0.5	-1.1	0.3	0.2	0.1	1	1
NDUFAF4	0.4	0.7	-0.1	-0.6	1.4	0.5	0.1	0.4	2	1
CUL1	0.7	0.0	-0.2	-0.1	0.0	0.4	-0.9	0.1	1	2
GTF2I	-0.1	-0.1	0.1	0.5	0.5	1.6	-0.2	-1.7	2	1

F1SLG9	PIG Uncharacterized protein (Fragment)
F1SS19	PIG Uncharacterized protein
B0LY44	PIG Mitochondrial ornithine aminotransferase
I3LNA5	PIG Uncharacterized protein
F1S1G0	PIG Eukaryotic translation initiation factor 3 subunit E
F1S2J1	PIG Uncharacterized protein
F1SGI7	PIG Uncharacterized protein (Fragment)
I3LU86	PIG Uncharacterized protein
F1SFE6	PIG Uncharacterized protein
F1STM4	PIG Elongation factor 1-alpha
B8Q0B4	PIG Popeye domain containing protein 2 variant 2
K9IVK1	PIG Hexose-6-phosphate dehydrogenase (Glucose 1-dehydrogenase)
F1RM25	PIG Serine/threonine-protein phosphatase (Fragment)
I3LPB5	PIG Creatine kinase B-type (Fragment)
F2Z4Z8	PIG Uncharacterized protein (Fragment)
Q0VD83	HUMAN Apolipoprotein B receptor
F1S459	PIG Uncharacterized protein
Q07717	PIG Beta-2-microglobulin
I3LKS6	PIG Dihydropteridine reductase
I3LJ87	PIG Uncharacterized protein
P31942	HUMAN Heterogeneous nuclear ribonucleoprotein H3
F2Z5S1	PIG Uncharacterized protein (Fragment)
I3L9T6	PIG Uncharacterized protein
F1RQR4	PIG Uncharacterized protein (Fragment)
B8XSJ9	PIG Monoglyceride lipase
F1SE70	PIG Uncharacterized protein
Q6IAA8	HUMAN Ragulator complex protein LAMTOR1
F1SFQ4	PIG Uncharacterized protein
Q29190	PIG Ribosomal protein S7 (Fragment)
Q95342	PIG 60S ribosomal protein L18 (Fragment)
I3LFI0	PIG Uncharacterized protein (Fragment)
A7TX81	PIG COP9 signalosome complex subunit 6
I3LH26	PIG Uncharacterized protein
B6VAP9	PIG APEX nuclease 1
F1RI15	PIG Uncharacterized protein
F1STD5	PIG Uncharacterized protein (Fragment)
F1SIH8	PIG Uncharacterized protein
Q5HYK3	HUMAN 2-methoxy-6-polyprenyl-1,4-benzoquinol methylase, mitochondrial
P61006	HUMAN Ras-related protein Rab-8A
Q2VL90	PIG Scavenger receptor cysteine-rich type 1 protein M130

MOB1A	-0.2	-0.5	0.5	0.5	0.8	0.8	1.1	-0.3	1	1
XRCC5	-0.6	-0.6	0.5	1.2	-0.1	-0.3	1.7	2.3	1	1
NA	0.5	-0.1	0.0	-0.1	0.1	-0.5	-0.7	-0.5	1	1
TMEM151B	-0.3	-0.3	0.2	0.7	0.4	1.6	1.9	0.3	1	1
EIF3E	-0.5	-0.3	0.5	0.7	-1.0	-0.5	0.7	0.4	5	2
FAM65A	-0.3	-0.7	0.4	0.9	-0.3	-0.5	-0.2	0.2	1	1
KRT75	0.6	0.4	-0.3	-0.3	-0.1	-1.6	-1.3	9.9	3	2
MTUS2	0.1	1.1	-0.2	-0.7	-0.3	-1.0	-1.8	-2.3	1	1
PSMC6	-0.2	-0.1	0.3	0.3	0.6	1.1	-0.1	-0.9	7	3
Ssc.41914	-1.4	-0.9	1.2	1.5	-1.4	-0.8	0.1	0.4	8	8
NA	0.7	-0.3	-0.1	0.0	2.0	4.4	0.2	0.3	2	1
H6PD	-0.1	0.0	0.4	0.1	-1.2	-0.9	-0.9	-1.1	3	1
PPP5C	-0.6	0.1	0.5	0.4	0.1	0.7	-0.2	-0.1	2	3
CKB	0.1	-0.9	0.1	1.0	0.8	0.2	0.3	1.0	9	3
LOC100620305	-0.2	-0.4	0.3	0.6	0.1	0.7	0.0	-0.9	2	2
APOBR	0.6	0.5	-0.3	-0.5	-1.7	-1.3	-1.4	-0.8	1	1
TERF2IP	0.2	0.0	0.0	0.1	-0.1	-0.2	0.0	-0.1	1	1
B2M	-0.3	-0.4	0.4	0.7	0.4	-0.3	0.6	-0.5	3	2
QDPR	-0.1	-0.2	0.0	0.7	-0.2	0.6	-0.5	0.2	1	1
RPS2E	-0.6	-0.9	0.6	1.3	-1.0	-0.4	-0.4	0.3	10	9
HNRNPH3	0.5	0.1	-0.2	-0.1	-0.1	0.2	-0.2	-0.5	1	1
RAB6B	0.0	0.1	0.0	0.2	-0.5	0.8	0.2	0.4	4	3
LOC100739576	-0.3	0.2	-0.2	0.7	0.5	1.2	0.6	0.2	11	9
EHD1	0.4	0.0	0.0	-0.2	0.1	0.2	-0.3	-0.2	14	9
MGLL	-0.2	-0.5	0.4	0.5	-0.6	-0.8	-1.0	-0.6	3	3
SGCB	0.8	0.2	-0.1	-0.6	0.0	-0.2	0.2	0.2	5	5
LAMTOR1	0.4	0.2	-0.2	-0.2	0.1	-1.0	-1.4	-0.7	1	1
PCBP2	-0.6	-0.7	0.6	1.0	0.5	0.9	0.3	1.1	6	7
NA	-0.3	-0.6	0.2	1.0	0.2	-0.6	0.6	-0.1	2	2
RPL18	-0.2	-0.6	0.3	0.8	-0.1	0.5	-0.7	0.9	4	3
RAC1	0.3	-0.2	0.0	0.2	-0.7	-0.5	-0.1	0.6	3	2
COPS6	-0.1	-0.1	0.1	0.3	-2.1	-1.6	0.6	-1.1	3	1
DHX9	0.1	-0.2	0.1	0.3	-0.3	-0.1	-0.7	-0.4	17	12
APEX1	0.5	0.0	-0.2	0.0	0.5	0.7	2.1	2.2	1	1
HSPA4	-0.1	-0.3	0.2	0.5	0.0	0.1	0.0	0.6	21	19
ACTR1B	0.0	0.2	0.0	0.1	0.3	0.5	0.0	0.0	2	4
LOC100516776	-0.1	-0.3	0.2	0.4	0.2	0.4	0.6	0.0	1	1
COQ5	-0.5	0.3	0.4	0.1	0.2	0.6	-1.1	-1.8	1	1
RAB8A	-0.2	0.9	0.3	-0.8	0.8	1.5	0.5	0.4	1	1
CD163	-0.2	-0.3	0.3	0.6	-0.3	1.4	3.1	2.0	4	1

F1RMM0	PIG Uncharacterized protein	PRKCDBP	-0.3	-0.2	0.0	0.7	0.0	-0.4	-0.2	0.9	3	2
P48729	HUMAN Casein kinase I isoform alpha	CSNK1A1	-0.8	-0.4	0.3	1.2	-1.0	-0.7	-0.9	-0.1	1	1
Q9NYU1	HUMAN UDP-glucose:glycoprotein glucosyltransferase 2	UGGT2	3.4	-0.2	-1.6	-1.3	3.7	0.8	-0.9	-0.5	1	1
F1RTK4	PIG Uncharacterized protein (Fragment)	CDK8	-1.6	-0.1	0.8	1.1	-1.8	0.6	-0.3	0.7	1	1
Q9Y2D5	HUMAN A-kinase anchor protein 2	AKAP2	0.3	0.1	-0.3	0.1	0.5	1.4	0.6	-1.4	6	4
F1RRY6	PIG Uncharacterized protein (Fragment)	PTGES2	1.1	0.3	-0.5	-0.7	0.9	0.7	-0.2	-1.1	6	6
I3LCE6	PIG Uncharacterized protein	BAZ1B	-0.3	-0.3	0.2	0.7	-0.6	-0.4	0.6	1.5	1	2
P12814	HUMAN Alpha-actinin-1	ACTN1	-1.0	-1.1	-0.1	2.5	-1.0	-1.0	-1.0	-0.8	4	5
F1SA60	PIG Uncharacterized protein (Fragment)	SPTB	-0.2	0.4	0.4	-0.4	-0.1	0.1	-0.1	0.6	44	56
F1S409	PIG Uncharacterized protein	SEC23IP	0.4	0.8	-0.3	-0.7	0.1	0.5	-0.1	0.3	3	2
F1SDY2	PIG Uncharacterized protein (Fragment)	NA	-0.3	0.7	0.7	-0.9	-1.1	-0.5	0.7	0.9	1	1
F1RUU2	PIG Uncharacterized protein	MRPS10	0.4	0.3	-0.3	-0.2	1.7	2.0	-0.2	-0.4	1	1
F1S069	PIG Uncharacterized protein	PDK1	0.9	0.5	-0.5	-0.6	2.0	1.7	-0.1	-0.4	3	3
F1S4A6	PIG Uncharacterized protein (Fragment)	SYNJ2BP	-0.2	0.3	0.1	0.1	-0.5	-0.4	-1.1	-0.6	2	1
Q863I2	PIG Serine/threonine-protein kinase OSR1	OXSR1	0.2	-0.1	0.1	0.0	0.0	0.7	-0.9	-0.3	7	8
P10775	PIG Ribonuclease inhibitor	RNH1	0.1	-0.8	0.3	0.7	0.0	1.5	0.6	0.3	4	1
I3LAQ3	PIG Phosphatidate cytidyltransferase	CDS2	0.6	-0.2	0.1	-0.3	0.6	0.6	-0.7	0.7	1	2
F1SLS7	PIG Autophagy-related protein 3	ATG3	0.0	-0.2	0.1	0.3	-0.6	-0.5	-1.0	-1.6	3	1
I3LC46	PIG Uncharacterized protein	HTATSF1	0.1	-0.1	0.1	0.1	1.3	2.3	0.2	-0.4	2	3
I3LPY1	PIG Uncharacterized protein (Fragment)	TNS1	0.4	0.0	-0.2	0.0	-0.4	1.1	-0.2	-0.4	5	6
G9M4N3	PIG Toll interacting protein	Tollip	0.3	-0.4	0.1	0.2	1.1	0.7	0.6	-1.3	2	3
F1SCH1	PIG Uncharacterized protein (Fragment)	NDUFB7	0.5	0.4	-0.5	-0.2	1.6	0.4	0.3	1.2	3	3
F1SFF4	PIG Uncharacterized protein	C14orf166	-0.2	-0.1	0.2	0.4	0.7	-0.3	-1.9	-2.1	7	3
I3LB23	PIG Uncharacterized protein (Fragment)	TMX4	1.1	-0.5	-0.2	-0.2	0.3	-0.4	0.3	-0.3	2	2
F1RPU0	PIG Uncharacterized protein	MGPD	0.5	0.1	-0.3	-0.1	0.4	0.3	1.1	-0.2	4	3
Q6PQZ1	PIG Aquaporin-1	AQP1	0.2	0.1	-0.1	0.0	0.6	1.4	0.3	1.2	2	2
F1S8A5	PIG Uncharacterized protein	MRPS26	0.5	0.3	-0.4	-0.2	0.1	-0.9	0.5	0.3	3	2
F1S0C8	PIG Uncharacterized protein	RRAGD	0.0	-0.3	0.0	0.5	0.9	-0.9	-0.2	0.3	1	1
Q767L0	PIG ATP-binding cassette sub-family F member 1	ABCF1	-0.2	-0.3	0.2	0.5	-0.2	0.1	-0.2	1.4	3	2
P49171	PIG 40S ribosomal protein S26	RPS26	-0.3	-0.5	0.2	0.7	-0.7	0.0	0.5	0.1	2	2
F1RQW4	PIG Uncharacterized protein	SKIV2L	-0.4	-0.6	0.4	0.7	0.8	1.2	-0.3	-1.0	1	1
K7GNV3	PIG Uncharacterized protein	LOC100514935	-0.6	0.1	0.3	0.4	-1.6	-1.5	-1.3	-0.3	2	1
L0R890	HUMAN Alternative protein LGI2	LGI2	0.5	-0.1	-0.3	0.0	0.0	-0.1	-0.8	-0.4	1	1
P81271	PIG Myosin-11 (Fragments)	MYH11	-0.3	-0.3	0.0	0.8	-0.4	0.2	0.9	0.5	1	1
F1SN59	PIG Uncharacterized protein (Fragment)	NA	-0.3	-0.2	0.0	0.6	-1.2	-1.2	-2.6	-0.7	7	3
Q9BXJ9	HUMAN N-alpha-acetyltransferase 15, NatA auxiliary subunit	NAA15	0.5	0.8	-0.5	-0.6	0.8	0.6	0.1	-0.7	1	1
Q95L19	PIG Ribosomal protein L19 (Fragment)	NA	-0.4	-0.6	0.5	0.7	-0.4	0.2	0.0	0.8	5	3
I3LR88	PIG Uncharacterized protein (Fragment)	LMO7	-0.3	-0.2	0.3	0.3	0.4	0.1	-0.5	-0.5	1	3
F1SFH7	PIG Uncharacterized protein	LOC100738983	0.4	-0.3	-0.2	0.4	0.8	1.5	0.6	-0.1	4	5
F1RSM2	PIG Uncharacterized protein	PSMD12	-0.5	-0.4	0.6	0.4	1.5	0.7	-0.8	-0.1	3	5

F1RZA6	PIG Uncharacterized protein (Fragment)
I3LGP0	PIG Uncharacterized protein (Fragment)
Q31072	PIG MHC class II antigen
P80031	PIG Glutathione S-transferase P
F1S1G7	PIG Amine oxidase
P02538	HUMAN Keratin, type II cytoskeletal 6A
Q14097	HUMAN CYP2B protein
I3LLG4	PIG Uncharacterized protein
F1SUF3	PIG Uncharacterized protein (Fragment)
Q27HS3	PIG Vascular smooth muscle alpha-actin (Fragment)
I3LAE9	PIG Uncharacterized protein
F1SCJ1	PIG Uncharacterized protein
I3LIK0	PIG Uncharacterized protein (Fragment)
I3LPR6	PIG Uncharacterized protein
F1ST02	PIG Proteasome subunit beta type
I3LRW1	PIG Uncharacterized protein (Fragment)
F1SQM6	PIG Uncharacterized protein
I3LC07	PIG Uncharacterized protein
F1SGB0	PIG Uncharacterized protein
Q59IP2	PIG Procollagen alpha 2(V)
B8LFE3	PIG Cardiomyopathy associated 1
F2Z5G8	PIG Uncharacterized protein (Fragment)
F1SLE7	PIG Uncharacterized protein
I3L652	PIG Uncharacterized protein
I3L8P8	PIG Uncharacterized protein (Fragment)
F1RZT2	PIG Uncharacterized protein
P63053	PIG Ubiquitin-60S ribosomal protein L40
Q13825	HUMAN Methylglutaconyl-CoA hydratase, mitochondrial
I3LKJ6	PIG Uncharacterized protein
F1SKZ8	PIG Uncharacterized protein
P83686	PIG NADH-cytochrome b5 reductase 3 (Fragment)
Q96HS1	HUMAN Serine/threonine-protein phosphatase PGAM5, mitochondrial
Q29361	PIG 60S ribosomal protein L35
F1RPN9	PIG Malic enzyme
I3LIL4	PIG Uncharacterized protein (Fragment)
A5A791	PIG DNA-repair protein complementing XP-D cells (Fragment)
F1S7Y2	PIG Uncharacterized protein
P82460	PIG Thioredoxin
Q8TC99	HUMAN Fibronectin type III domain-containing protein 8
I3LKY3	PIG Uncharacterized protein (Fragment)

RNF213	0.4	-0.3	0.0	0.1	0.0	0.6	1.5	0.4	1	2
NA	0.4	-0.1	-0.3	0.1	-0.4	1.4	0.8	-1.0	2	1
LA-DRB-d	-0.5	0.0	0.4	0.3	2.0	2.7	1.0	0.8	4	1
GSTP1	0.3	0.2	-0.2	-0.1	1.3	2.5	0.9	-0.9	6	6
AOC2	0.5	0.0	-0.2	-0.1	-0.4	-0.5	0.9	0.6	3	1
KRT6A	1.0	0.0	-0.1	-0.6	-1.6	-2.8	-3.2	11.6	1	3
CYP2B	-0.9	-0.1	0.3	0.9	0.2	0.0	-0.3	-1.8	1	1
DNAJA3	0.5	0.6	-0.1	-0.9	0.2	1.1	-0.2	0.1	3	3
HKDC1	0.6	0.3	-0.2	-0.6	0.2	0.6	0.3	0.2	1	2
NA	0.1	-0.2	-0.1	0.4	0.3	0.4	0.6	1.5	1	1
LOC100523801	0.1	-0.1	0.0	0.1	-0.3	0.7	0.5	0.0	8	2
TRAPPC5	-0.3	-0.5	0.1	0.9	-0.6	-0.2	-0.1	0.0	1	1
RPL35A	-0.7	-1.2	0.7	1.3	-0.7	-1.3	-0.3	-0.3	1	1
NA	0.2	-0.3	0.0	0.3	-1.6	-1.7	-1.7	-0.9	1	1
PSMB4	-0.1	-0.6	0.4	0.5	-0.1	-0.6	1.7	1.1	2	2
KAT2B	-1.1	0.4	0.5	0.4	-2.1	-4.5	-1.4	-3.1	1	1
LOC100739488	0.5	-0.1	-0.1	-0.1	-1.0	-1.1	-1.2	-0.3	3	2
RAB18	-0.1	-0.1	0.3	0.0	0.3	1.5	0.9	0.7	6	6
FXR1	0.2	0.2	0.0	-0.2	-0.2	-0.5	-0.5	-0.2	1	1
COL5A2	-0.1	-0.4	0.1	0.6	1.5	0.4	0.0	-0.1	3	3
CMYA1	0.1	-0.3	0.2	0.1	2.4	2.9	0.3	0.8	2	2
RPS25	-0.5	-0.7	0.3	1.0	-0.6	0.0	-0.2	0.4	7	6
LOC100522732	0.2	0.3	-0.1	-0.2	0.9	0.9	-0.9	-1.3	7	9
NA	0.5	0.6	-0.2	-0.8	0.5	0.1	-1.1	-0.9	3	4
TACC2	0.8	0.2	-0.4	-0.5	-1.6	-1.8	0.3	2.4	1	1
PFDN6	0.2	0.6	-0.2	-0.5	0.2	0.5	-0.1	-0.6	1	1
UBA52	-0.8	-0.2	0.4	0.7	0.2	0.8	1.1	0.9	9	8
AUH	0.6	0.7	-0.4	-0.8	-0.5	-2.0	-1.7	-1.6	1	2
GFM1	0.1	0.0	0.0	0.0	0.1	0.2	1.6	0.2	2	3
LOC100523641	-0.3	-0.4	0.2	0.6	-0.9	-0.8	-0.9	0.9	1	3
CYB5R3	0.1	-0.3	-0.2	0.5	-0.7	-0.4	-1.0	0.8	13	11
PGAM5	0.5	0.3	-0.3	-0.4	-0.5	-1.3	-1.2	-0.8	2	1
RPL35	-1.2	-0.8	0.6	1.5	-0.2	0.0	-0.1	1.0	6	4
ME2	0.3	0.2	-0.1	-0.2	0.3	0.2	-1.0	-0.7	3	4
MYO1C	0.1	-0.2	0.0	0.2	0.1	0.3	-0.4	-0.7	25	26
ERCC2	0.7	0.2	-0.3	-0.4	0.5	0.1	-0.5	-1.5	1	1
ABLIM2	0.5	-0.3	-0.2	0.0	-0.1	0.0	-0.6	0.4	1	1
TXN	-1.2	-0.2	0.6	0.9	0.2	-0.7	-0.2	-1.5	4	3
FNDC8	0.6	0.0	-0.1	-0.4	-0.8	-1.5	-1.6	-1.2	1	1
NA	-0.2	-0.4	0.6	0.1	-0.4	-0.7	-0.9	-1.6	3	3

F1RL02	PIG Uncharacterized protein (Fragment)
H7BZJ3	HUMAN Thioredoxin (Fragment)
F1SG21	PIG Uncharacterized protein (Fragment)
P11142	HUMAN Heat shock cognate 71 kDa protein
F1RMZ4	PIG Uncharacterized protein (Fragment)
Q5SSJ5	HUMAN Heterochromatin protein 1-binding protein 3
K7GNJ7	PIG Uncharacterized protein
B2ZFN7	PIG Actin (Fragment)
I3LL04	PIG Uncharacterized protein
K7GR37	PIG Uncharacterized protein
P68400	HUMAN Casein kinase II subunit alpha
F1RIU3	PIG Uncharacterized protein
Q13707	HUMAN ACTA2 protein (Fragment)
K7GMF7	PIG Uncharacterized protein
F1RPW8	PIG Uncharacterized protein
F1RXE5	PIG Uncharacterized protein
A1XQU1	PIG Proteasome subunit beta type-7
P07942	HUMAN Laminin subunit beta-1
A1Z624	PIG Dynein cytoplasmic heavy polypeptide-like protein (Fragment)
F2Z546	PIG Ribosomal protein L19 (Fragment)
Q1T7A5	PIG Type VI collagen alpha-3 chain (Fragment)
F1SQR8	PIG Leukotriene A-4 hydrolase
F1SL16	PIG Uncharacterized protein
I3LB90	PIG Uncharacterized protein
P06733	HUMAN Alpha-enolase
O43683	HUMAN Mitotic checkpoint serine/threonine-protein kinase BUB1
I3L9T3	PIG Uncharacterized protein
I3LF84	PIG Uncharacterized protein
F1RVA0	PIG Histone H3 (Fragment)
F1RK45	PIG Uncharacterized protein
Q9Y3C8	HUMAN Ubiquitin-fold modifier-conjugating enzyme 1
F1RL38	PIG Uncharacterized protein
I3LE39	PIG Histone H2B (Fragment)
Q29243	PIG Dystroglycan (Fragment)
K7GSE0	PIG Uncharacterized protein (Fragment)
Q9UDY4	HUMAN DnaJ homolog subfamily B member 4
K9J6M4	PIG E3 ubiquitin-protein ligase UBR4
F1SHW1	PIG Uncharacterized protein (Fragment)
F1S827	PIG Uncharacterized protein
I3LA71	PIG Uncharacterized protein

MAPK1	-0.6	-0.4	0.4	0.7	-0.7	-0.8	-0.6	-0.5	3	1
PDIA3	0.3	0.0	-0.2	-0.1	0.8	0.7	0.4	0.5	1	1
SHROOM2	0.1	0.1	0.3	-0.4	2.6	3.4	4.3	2.0	2	1
HSPA8	0.1	0.1	-0.1	0.0	0.3	0.6	-0.4	-0.4	3	2
LOC100153673	-0.4	0.3	0.0	0.2	1.0	0.8	0.0	0.3	1	1
HP1BP3	-0.2	0.0	0.1	0.1	-0.5	-0.8	-0.7	-0.2	2	2
HUWE1	0.6	0.0	-0.2	-0.3	-1.0	0.2	-1.2	0.4	4	5
NA	0.0	0.2	0.2	-0.3	0.2	-0.4	-0.6	-1.0	1	1
FAM35A	0.5	-0.2	-0.1	-0.2	1.4	3.1	4.2	0.9	1	1
SEPT6	-0.2	-0.5	0.1	0.6	0.5	0.5	0.1	0.7	5	2
CSNK2A1	-0.1	-0.1	0.1	0.1	-0.4	-0.4	-0.6	-1.2	7	4
CCT6A	-0.3	-0.3	0.1	0.6	-0.2	0.1	0.3	0.4	13	10
ACTA2	0.3	0.2	-0.3	-0.2	0.3	0.0	-0.4	-1.1	5	6
ILF2	-0.3	-0.5	0.1	0.7	-0.1	0.4	-0.2	0.2	1	1
ASRGL1	0.5	-0.4	0.0	0.0	0.5	1.2	1.3	0.7	6	2
LOC100524521	0.4	0.2	0.2	-0.7	0.2	0.0	-0.3	4.7	1	1
PSMB7	-0.2	-0.4	0.2	0.4	0.4	0.2	1.7	0.7	5	4
LAMB1	0.4	-0.5	-0.4	0.6	-0.5	0.2	0.7	1.6	1	2
NA	0.0	0.0	-0.3	0.3	1.4	1.9	1.3	0.7	3	2
RPL19	-0.2	-0.6	0.2	0.7	0.1	-0.5	-0.4	0.5	1	1
COL6A3	-0.8	-0.5	0.1	1.2	-1.2	-1.5	-1.2	0.8	17	19
LTA4H	-0.2	0.0	0.1	0.2	-0.4	-1.0	-0.7	-0.1	14	12
PCNP	-0.7	-0.1	0.4	0.5	0.5	0.4	-0.8	1.5	4	3
NA	0.4	-0.1	-0.1	-0.1	0.2	0.0	-1.6	0.0	4	3
ENO1	-1.5	-0.5	0.7	1.3	0.0	0.2	-0.1	-0.5	2	2
BUB1	-0.2	0.7	-0.1	-0.4	-0.8	-0.5	-0.1	-0.2	2	1
LOC100738263	0.3	0.2	-0.3	-0.2	0.4	0.0	-0.2	-0.2	1	2
RAP1A	-0.6	-0.5	0.3	0.8	-0.2	0.0	0.3	0.2	6	5
H3F3B	-0.9	-0.2	0.0	1.1	-1.1	-0.6	0.4	-0.8	1	1
TRAP1	-0.1	0.1	0.1	-0.1	0.5	0.1	-0.4	-0.7	7	9
UFC1	0.2	-0.3	0.0	0.1	0.0	-0.2	5.3	-0.6	1	1
DDT	0.6	-0.1	-0.4	-0.1	1.4	1.1	0.6	-0.9	2	3
HIST1H2BB	0.1	0.2	-0.3	0.0	0.3	0.0	0.1	-1.1	7	5
DAG1	-0.4	0.6	-0.1	-0.2	1.4	1.1	-1.5	-1.0	6	1
LETM1	0.2	0.3	-0.3	-0.2	0.4	-0.1	-0.6	0.2	18	18
DNAJB4	0.2	-0.3	-0.2	0.3	1.2	1.2	1.1	2.8	1	1
UBR4	0.7	0.1	-0.4	-0.3	-0.4	0.2	1.2	0.8	2	2
ESYT2	0.4	-0.3	-0.1	0.1	0.6	0.5	-0.1	0.4	5	8
SERBP1	-0.6	-0.5	0.3	0.8	0.4	1.1	1.3	0.8	14	8
GSE1	0.5	0.3	-0.2	-0.7	-0.4	-0.7	0.4	0.3	1	1

Q52NJ6	PIG Ras-related protein Rab-14
F1SJR5	PIG Uncharacterized protein
F1SS01	PIG Uncharacterized protein (Fragment)
M3VH45	PIG Annexin
F1SBT2	PIG ATP-dependent Clp protease proteolytic subunit
P13693	HUMAN Translationally-controlled tumor protein
F1RZM1	PIG Uncharacterized protein
Q8SPC6	PIG MHC class I antigen
I3LFZ8	PIG Uncharacterized protein (Fragment)
F1SM07	PIG Uncharacterized protein
P27816	HUMAN Microtubule-associated protein 4
I3L8N0	PIG Uncharacterized protein (Fragment)
F1S593	PIG Uncharacterized protein (Fragment)
F1S166	PIG Uncharacterized protein
P62993	HUMAN Growth factor receptor-bound protein 2
F1RPX1	PIG Uncharacterized protein
I3LMP2	PIG Uncharacterized protein (Fragment)
Q69GF7	PIG Cytochrome c oxidase subunit 2
F1SPN5	PIG Uncharacterized protein
Q5VW36	HUMAN Focadhesin
D2KQJ6	PIG MHC class II antigen (Fragment)
Q6ZUJ4	HUMAN Uncharacterized protein C3orf62
Q00577	HUMAN Transcriptional activator protein Pur-alpha
F1SCT9	PIG Uncharacterized protein
F1SNT8	PIG Uncharacterized protein
Q3SY69	HUMAN Mitochondrial 10-formyltetrahydrofolate dehydrogenase
Q06AB3	PIG Ubiquitin carboxyl-terminal hydrolase isozyme L3
P63279	HUMAN SUMO-conjugating enzyme UBC9
P62191	HUMAN 26S protease regulatory subunit 4
F1SUE1	PIG Uncharacterized protein
K7GS51	PIG Uncharacterized protein (Fragment)
P25787	HUMAN Proteasome subunit alpha type-2
P07101	HUMAN Tyrosine 3-monooxygenase
F1RX51	PIG Uncharacterized protein
P67776	PIG Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform
Q13813	HUMAN Spectrin alpha chain, non-erythrocytic 1
F1SMZ9	PIG Uncharacterized protein (Fragment)
B2DCZ9	PIG Rho guanine nucleotide exchange factor 2
I3LSZ6	PIG Uncharacterized protein
Q9H361	HUMAN Polyadenylate-binding protein 3

RAB14	0.1	0.1	-0.1	-0.1	0.7	1.3	0.5	0.7	5	3
PACSIN2	0.0	-0.3	-0.1	0.5	0.0	0.0	-0.1	0.0	4	1
ARPC2	-0.9	-0.6	0.5	1.0	-0.5	-0.7	-0.1	-0.1	11	3
ANXA6	0.0	0.5	-0.4	-0.1	0.5	1.0	-0.8	-1.4	4	2
CLPP	0.7	0.0	-0.4	-0.4	-0.3	-1.0	0.0	-0.3	4	4
TPT1	-1.0	-0.3	0.5	0.8	-0.9	0.5	-0.8	-0.9	7	2
NA	0.1	0.0	0.0	-0.1	0.0	-0.3	0.5	0.7	1	1
SLA-1	0.6	0.4	-0.2	-0.8	0.5	0.0	0.4	0.1	1	1
RAB5B	0.6	0.4	-0.3	-0.7	1.0	1.5	1.5	-0.1	3	5
COPS8	0.6	0.1	-0.3	-0.4	0.8	4.0	-0.7	-1.5	3	2
MAP4	-0.2	0.5	-0.3	0.0	1.3	1.1	0.3	-0.7	3	2
DEPDC7	0.1	0.0	-0.1	0.0	-1.1	0.0	-0.3	0.2	2	2
DNM2	-0.1	-0.2	0.1	0.1	1.1	0.7	1.5	0.4	3	4
UNC45B	0.5	-0.5	-0.1	0.1	0.6	0.3	0.0	-0.4	10	7
GRB2	-0.4	-0.6	0.3	0.7	0.0	0.0	-0.3	-0.6	3	3
MTA2	-0.4	-0.8	0.2	1.0	-0.1	-0.2	-0.2	0.5	1	1
ABHD10	0.0	0.3	-0.2	-0.1	-0.9	-0.6	0.4	0.1	2	3
COX2	0.3	0.9	0.0	-1.2	0.5	-0.4	-0.8	0.4	1	2
ADCY6	0.4	0.4	-0.1	-0.8	0.5	-0.4	-3.0	-2.8	1	4
FOCAD	0.5	-0.1	0.0	-0.5	-0.4	-0.4	-1.0	-0.9	1	1
SLA-DRB1	0.2	0.2	-0.4	0.0	1.9	1.1	0.9	1.6	1	1
C3orf62	0.1	0.1	-0.2	-0.1	0.1	0.5	0.0	0.1	1	1
PURA	0.0	0.2	0.0	-0.2	0.9	0.9	0.3	-0.5	8	7
RDH14	0.6	-0.6	-0.1	0.1	0.0	-0.4	0.6	0.7	4	4
DCTN1	0.2	-0.3	-0.1	0.1	0.6	0.3	-0.8	-0.7	14	10
ALDH1L2	-0.1	0.5	-0.1	-0.4	-0.8	0.7	1.0	1.4	1	1
UCHL3	0.3	-0.2	-0.3	0.2	-0.2	-0.2	-1.4	-2.1	1	1
UBE2I	-0.3	-0.3	0.2	0.4	-0.3	-0.1	-0.2	0.6	2	2
PSMC1	0.2	-0.3	0.0	0.2	-0.2	-0.4	-0.7	-0.2	9	4
NA	-0.3	0.1	-0.5	0.7	0.1	0.6	1.2	1.6	1	1
ITGA1	0.8	0.1	-0.4	-0.6	0.9	0.6	0.4	0.3	2	2
PSMA2	0.1	-0.3	0.0	0.1	0.4	0.0	0.4	-0.3	3	3
TH	-0.4	1.0	-0.4	-0.3	8.0	7.8	0.7	0.6	1	1
Scs.3881	0.4	-0.2	-0.2	-0.1	-0.2	-0.3	-1.2	-1.2	2	2
PPP2CA	0.2	-0.3	0.0	0.1	-0.3	-0.2	-0.3	-0.7	6	6
SPTAN1	0.3	-0.1	0.1	-0.3	0.3	1.0	-0.4	-1.0	2	3
SF3B1	-0.4	0.0	0.0	0.2	-0.6	-1.2	-1.2	0.4	8	3
ARHGEF2	-0.3	-0.3	-0.1	0.6	-1.2	-0.5	-1.2	-3.1	3	1
RPL28	-0.7	-0.2	0.3	0.6	-0.9	-0.2	-0.5	-0.2	1	1
PABPC3	-1.0	-0.1	0.7	0.3	-0.6	-0.4	0.6	1.1	2	1

P35346	HUMAN Somatostatin receptor type 5
K7GLE8	PIG Uncharacterized protein (Fragment)
F1S4Y8	PIG Uncharacterized protein
F1S1R4	PIG SH3 domain-binding glutamic acid-rich-like protein (Fragment)
O95834	HUMAN Echinoderm microtubule-associated protein-like 2
F1RT87	PIG Uncharacterized protein
Q06A99	PIG SFRS4
P60508	HUMAN HERV-FRD
F1SG38	PIG Thioredoxin reductase 1, cytoplasmic
F1SDP3	PIG Uncharacterized protein
P31948	HUMAN Stress-induced-phosphoprotein 1
Q9N1F5	PIG Glutathione S-transferase omega-1
I3LC25	PIG Uncharacterized protein
O43464	HUMAN Serine protease HTRA2, mitochondrial
B9TRW9	PIG Guanine nucleotide-binding protein subunit gamma
F1S530	PIG 60S ribosomal protein L5
P68036	HUMAN Ubiquitin-conjugating enzyme E2 L3
F1S560	PIG Uncharacterized protein
P35908	HUMAN Keratin, type II cytoskeletal 2 epidermal
P34930	PIG Heat shock 70 kDa protein 1A
F1RHJ2	PIG Uncharacterized protein
Q9HCB6	HUMAN Spondin-1
F1RUP2	PIG Uncharacterized protein
F1SAS3	PIG Uncharacterized protein
P79303	PIG UTP--glucose-1-phosphate uridylyltransferase
Q6ZRH3	HUMAN Uncharacterized protein FLJ46360
Q2EN79	PIG Ubiquinol-cytochrome c reductase complex
Q6PUJ7	HUMAN Prohibitin
F1S0D8	PIG Uncharacterized protein (Fragment)
G9HRP0	HUMAN MHC class I antigen (Fragment)
Q8TCU4	HUMAN Alstrom syndrome protein 1
Q95242	PIG Platelet endothelial cell adhesion molecule
I3L6F6	PIG Uncharacterized protein
Q9UKX2	HUMAN Myosin-2
E7EAX3	PIG IFITM3
F1S108	PIG Uncharacterized protein
P43686	HUMAN 26S protease regulatory subunit 6B
I3LAG7	PIG Uncharacterized protein (Fragment)
P28839	PIG Cytosol aminopeptidase (Fragment)
P36542-2	HUMAN Isoform Heart of ATP synthase subunit gamma, mitochondrial

SSTR5	0.0	-0.4	0.1	0.2	1.0	2.0	-0.1	-0.1	1	1
ALCAM	0.9	0.4	-0.4	-0.9	-0.6	-0.9	-1.4	-2.0	5	3
LOC100621044	-0.1	-0.4	0.2	0.2	-0.3	0.7	1.9	0.7	5	1
SH3BGRL	-0.1	-0.1	0.0	0.0	-0.6	0.1	0.0	-0.5	5	1
EML2	0.2	-0.1	0.2	-0.4	0.3	0.1	0.8	-0.4	3	3
NA	-0.2	-0.7	0.1	0.7	0.2	0.6	0.1	0.6	2	3
SRSF4	-0.2	-0.5	0.3	0.3	-0.3	-0.6	-0.5	0.3	2	1
ERVFRD-1	0.4	-0.6	-0.7	0.8	0.6	-0.1	1.5	0.6	1	1
TXNRD1	0.2	0.2	-0.1	-0.4	0.9	0.9	0.3	-0.5	2	3
OAT	-0.3	-0.3	0.2	0.3	-0.1	-0.5	-0.1	-1.3	5	3
STIP1	-0.4	-0.3	0.1	0.5	1.3	1.6	0.8	-0.2	7	3
GSTO1	-0.7	-0.2	0.5	0.3	-1.7	0.2	-0.1	-0.2	8	5
LMNB2	0.0	0.0	-0.2	0.0	0.6	0.9	-0.3	0.3	14	12
HTRA2	0.3	0.0	-0.3	-0.2	0.5	0.7	-0.6	-1.3	2	1
GNG12	0.4	-0.7	-0.2	0.4	0.4	0.5	-0.9	-0.5	2	1
RPL5	-1.1	-0.5	0.6	0.9	-1.6	-0.8	0.1	1.2	7	7
UBE2L3	0.1	-0.5	0.0	0.3	0.8	1.4	0.8	0.7	4	3
SCO1	0.6	0.0	-0.5	-0.3	-0.4	0.2	-0.4	1.2	3	1
KRT2	0.0	0.0	-0.2	0.0	0.6	-1.2	2.8	-0.1	10	15
HSPA1A	-0.7	0.2	0.1	0.3	0.1	0.5	0.5	-0.4	24	21
HDGF	-0.3	0.1	0.0	0.1	1.7	2.1	0.0	-0.3	8	2
SPON1	-0.4	-0.8	0.0	1.0	-0.3	0.1	-0.3	1.1	6	3
GRSF1	0.0	0.4	0.2	-0.7	0.3	-0.2	-0.8	-1.4	1	1
LOC100157249	-0.2	0.4	0.1	-0.4	0.2	-0.1	0.1	0.0	9	9
UGP2	-0.2	-0.5	0.1	0.4	1.5	1.1	0.9	1.6	13	3
NA	-0.2	-0.2	0.0	0.3	-0.3	-1.2	-0.7	0.3	1	1
UQCRL10	0.7	0.2	-0.2	-0.9	-0.7	-0.2	1.2	1.1	2	1
NA	-0.3	-0.3	0.0	0.4	0.4	0.1	-2.4	-0.9	1	1
UBXN4	0.7	-0.3	-0.3	-0.3	0.9	0.4	0.2	1.0	1	2
HLA-A	0.1	-0.8	0.2	0.3	-0.3	-0.6	-1.0	-0.1	1	1
ALMS1	0.0	-0.1	-0.1	-0.1	-2.7	-0.5	0.0	0.1	2	1
PECAM1	0.1	0.0	-0.3	0.1	1.0	1.7	1.0	0.8	4	5
LOC100624306	-0.2	-0.6	0.4	0.2	-0.5	-0.1	1.9	2.3	1	1
MYH2	0.3	0.5	-0.4	-0.6	1.8	-3.1	-4.5	-4.8	1	1
IFITM3	1.1	0.2	-0.7	-0.7	0.7	0.1	1.3	-0.5	1	1
CISD2	-0.3	-0.1	0.2	0.0	0.0	0.1	0.2	0.7	4	3
PSMC4	-0.1	-0.5	0.1	0.4	-0.5	-0.7	-0.6	-0.5	7	3
NA	-0.4	0.1	0.5	-0.5	-0.1	-0.3	1.2	0.6	2	1
LAP3	-0.7	-0.2	0.2	0.5	-0.9	-0.6	1.6	-0.7	2	2
ATP5C1	0.8	0.8	-0.9	-0.9	-0.4	0.9	-3.4	-0.7	1	1

Q29578	PIG 44k ATPase of 70k heat-shock cognate protein (Fragment)
Q9P2P6	HUMAN StAR-related lipid transfer protein 9
F1SCH3	PIG Uncharacterized protein
F1RX84	PIG Uncharacterized protein
K7GQ66	PIG Uncharacterized protein
F1SKI5	PIG Inosine-5'-monophosphate dehydrogenase
I3L7F5	PIG Uncharacterized protein (Fragment)
F1SKI6	PIG Uncharacterized protein
F1S1C3	PIG Uncharacterized protein
F1RUZ6	PIG Uncharacterized protein
F1RT21	PIG Uncharacterized protein
F1RQ90	PIG Uncharacterized protein
I3LG37	PIG Uncharacterized protein
P50748	HUMAN Kinetochores-associated protein 1
I3LN25	PIG Uncharacterized protein
B2R8G3	HUMAN Hedgehog protein
Q9NNZ3	HUMAN DnaJ homolog subfamily C member 4
F1SV59	PIG Uncharacterized protein (Fragment)
P00636	PIG Fructose-1,6-bisphosphatase 1
Q95281	PIG 60S ribosomal protein L29
I3LNE5	PIG Uncharacterized protein
F1S0V2	PIG Annexin
F1RPY3	PIG Reticulon
I3LRQ0	PIG Uncharacterized protein
F1RNR7	PIG Uncharacterized protein
I3LKQ1	PIG Guanine nucleotide-binding protein subunit gamma
I3LCC2	PIG Uncharacterized protein
F1RKW7	PIG Uncharacterized protein
I3LC21	PIG Uncharacterized protein
I3LHS1	PIG Uncharacterized protein (Fragment)
Q684M6	PIG CDC37 cell division cycle 37 protein
I3LAW0	PIG Uncharacterized protein
I3LFJ5	PIG Uncharacterized protein
Q9MY8	PIG Thioredoxin reductase 1, cytoplasmic
I3LDA5	PIG Uncharacterized protein (Fragment)
I3LTV6	PIG Cytochrome c oxidase subunit 6A, mitochondrial
F1SKI0	PIG Myosin-11 (Fragment)
F1S8S9	PIG Uncharacterized protein
F1SGF1	PIG Uncharacterized protein
F1S2I8	PIG Uncharacterized protein (Fragment)

NA	-0.3	-0.4	0.1	0.4	0.3	1.1	0.4	0.5	2	2
STARD9	0.6	0.3	-0.7	-0.5	0.3	0.0	1.5	0.0	3	1
DDX39A	-0.6	-0.8	0.2	1.0	0.0	-0.1	-0.5	-0.6	8	6
PROSC	-0.1	-0.4	0.0	0.3	-0.4	-0.7	-0.9	-0.6	4	1
RPL8	-1.1	-0.8	0.5	1.2	-1.3	-1.0	-2.0	-0.4	3	1
IMPDH2	-0.2	-0.3	0.0	0.3	0.1	0.4	0.7	0.6	8	2
NA	0.6	-0.4	-0.3	-0.1	0.3	-0.1	-0.1	-0.1	1	1
NDUFAF3	0.4	-0.1	-0.4	-0.1	0.0	-0.2	1.2	0.1	1	2
CA4	0.0	0.5	-0.3	-0.4	-0.1	-0.2	0.3	0.7	4	4
AIP	-0.4	-0.1	-0.1	0.3	1.4	2.4	-0.1	-0.1	2	1
NA	-0.3	0.0	-0.4	0.6	-1.1	-0.1	0.1	0.8	2	1
RBMX	-0.3	-0.5	0.0	0.7	-0.4	0.1	0.6	1.2	10	7
LOC100738159	-0.2	0.1	0.3	-0.4	1.9	1.2	0.3	1.2	2	2
KNTC1	-0.3	-0.4	0.0	0.4	-1.5	-0.8	2.1	1.9	1	1
COL15A1	-0.4	-0.3	-0.1	0.7	0.7	0.5	-1.4	-0.7	3	4
NA	0.3	0.5	-0.1	-1.0	-0.8	-0.5	-0.6	0.4	1	1
DNAJC4	-0.2	-0.4	0.2	0.2	-1.2	-1.0	-0.2	-0.8	1	1
ADPRHL2	0.3	0.1	-0.2	-0.5	1.0	1.0	0.8	-1.0	3	2
FBP1	0.8	-0.1	-0.5	-0.5	0.4	0.8	2.0	1.6	2	1
RPL29	-1.1	-0.9	0.3	1.4	0.2	0.4	1.0	2.3	3	4
SNRNP70	-0.2	-0.4	0.0	0.4	-0.5	-0.3	-0.5	-0.6	2	1
LOC100515934	-0.3	-0.3	-0.2	0.5	-0.9	-0.3	-0.2	-0.7	5	4
RTN3	-0.6	0.0	0.5	-0.1	-0.7	-1.8	0.4	0.5	1	1
NA	0.7	0.9	-0.7	-1.1	2.1	3.1	1.0	-0.6	4	4
LOC100525255	-0.4	-0.2	0.1	0.3	-0.2	-0.3	0.2	0.3	5	1
GNG7	0.6	-0.1	-0.6	-0.3	0.2	0.7	-0.2	0.0	1	1
LOC100516610	-0.6	-0.3	0.3	0.4	0.5	0.6	0.4	1.1	2	2
ZNF207	-0.1	-0.1	-0.2	0.1	-0.1	-0.1	-1.0	-0.9	3	1
APC2	0.5	-0.4	-0.5	0.1	0.6	1.1	3.8	1.7	1	1
LOC100624058	0.6	-0.2	-0.1	-0.6	0.1	0.3	-0.5	-0.1	4	5
CDC37	-0.1	-0.8	0.2	0.4	0.2	-0.4	-0.2	0.1	8	8
C9orf64	-0.2	-0.3	0.3	0.0	-1.4	-1.2	-0.7	0.3	2	1
SUGP2	0.5	0.6	-0.3	-1.1	-1.3	-0.9	-0.1	0.8	1	1
TXNRD1	0.2	-0.2	-0.3	0.0	1.6	0.9	1.2	0.2	2	2
EHD4	0.2	-0.1	-0.3	-0.1	1.8	2.6	1.2	0.6	12	11
COX6A2	0.4	0.0	1.4	-2.1	0.0	-0.3	2.1	-0.4	1	2
MYH11	-0.1	-0.7	0.0	0.5	0.1	0.3	0.5	-0.2	3	3
GBF1	0.3	0.1	-0.5	-0.1	-0.5	-0.6	0.0	1.4	2	1
PSMD6	-0.5	-0.2	0.1	0.2	-0.1	-0.1	0.2	0.4	3	6
TPPP3	-0.4	-0.4	-0.1	0.6	0.5	-0.2	-0.8	-0.8	4	1

A6NJI9	HUMAN Leucine-rich repeat-containing protein 72	LRRC72	-0.3	-0.2	0.1	0.1	-0.5	-1.4	-0.4	0.0	1	1
Q2EN77	PIG Microsomal glutathione S-transferase 3	MGST3	0.6	0.1	-0.2	-0.8	-0.1	0.4	-0.3	-0.3	1	1
Q7L1Q6	HUMAN Basic leucine zipper and W2 domain-containing protein 1	BZW1	-0.6	-0.7	0.2	0.9	-0.5	-0.7	-0.8	-0.7	4	1
F1SMM0	PIG Uncharacterized protein	ERMP1	-0.1	-0.2	0.0	0.0	0.5	-0.6	-0.8	-0.2	5	6
F1RRD7	PIG Uncharacterized protein	CLASP2	0.3	-0.9	0.0	0.3	0.3	-0.7	-0.2	1.4	3	3
I3LIY9	PIG Uncharacterized protein (Fragment)	CCDC180	0.2	0.1	-0.4	-0.2	-1.0	-1.1	0.4	0.1	1	1
Q9NPH2	HUMAN Inositol-3-phosphate synthase 1	ISYNA1	0.0	0.1	-0.4	0.0	0.3	0.0	-0.9	-1.4	1	1
F1RP05	PIG Uncharacterized protein	DNAJA2	-0.3	0.2	-0.1	-0.1	0.0	0.8	0.5	-0.2	7	6
I3LHM5	PIG Uncharacterized protein	USP53	0.0	0.3	0.0	-0.7	-1.0	-1.5	-0.7	0.3	2	1
F1RV20	PIG Uncharacterized protein	GNA13	0.8	0.1	-0.5	-0.7	0.6	0.8	-0.6	-0.1	1	1
F1SMY1	PIG Uncharacterized protein	TMX3	-0.4	-0.4	0.1	0.4	-0.2	-0.5	-1.9	-0.5	7	3
I3LPF1	PIG Uncharacterized protein	LOC100621148	-0.8	-0.5	0.5	0.5	0.0	0.0	-1.5	0.0	1	1
I3LH91	PIG Uncharacterized protein	PALLD	0.0	-0.9	-0.1	0.7	0.1	0.0	0.2	-0.5	3	3
F1RRK8	PIG Uncharacterized protein	ABCC10	-0.2	0.4	0.0	-0.5	0.4	-0.2	0.5	-1.0	1	1
Q6ZMN7	HUMAN PDZ domain-containing RING finger protein 4	PDZRN4	-0.1	-0.2	-0.2	0.2	0.4	0.8	1.2	0.6	1	1
F1STQ1	PIG Uncharacterized protein (Fragment)	SYTL1	1.3	-0.5	-0.7	-0.4	-0.8	-0.6	-0.5	-0.6	2	1
F1S4Y6	PIG Uncharacterized protein	DYNLRB1	-0.3	-0.2	-0.1	0.2	0.9	0.5	0.2	-0.9	2	2
F1RUX1	PIG Coronin	CORO1B	0.2	-0.6	-0.2	0.3	-0.2	0.1	-0.7	-0.9	9	4
F1RWCS	PIG Uncharacterized protein (Fragment)	KIF5B	-0.3	-0.4	0.0	0.3	0.6	0.6	-0.5	0.3	17	12
K7GM47	PIG Uncharacterized protein	MECP2	-0.3	-0.3	-0.2	0.4	1.8	2.1	1.1	2.7	5	7
Q14126	HUMAN Desmoglein-2	DSG2	-1.2	-0.9	0.5	1.3	-1.1	-0.9	0.3	0.2	1	1
F1S0U6	PIG Uncharacterized protein	SETX	1.0	0.8	-1.0	-1.2	-1.1	-0.5	-0.5	1.5	1	1
A4USB5	PIG Cystatin B	NA	0.3	0.3	-0.2	-0.7	-0.6	-1.0	-1.0	-0.2	1	1
Q96MR6	HUMAN WD repeat-containing protein 65	WDR65	1.0	0.2	-0.7	-0.9	0.4	0.5	0.7	0.8	2	1
F1RYK8	PIG Uncharacterized protein (Fragment)	LOC100524000	0.6	0.4	-0.2	-1.1	0.8	1.0	0.1	-1.2	3	2
F1RN28	PIG Uncharacterized protein	PSPC1	0.3	-0.3	-0.3	-0.1	0.1	0.5	-0.6	-1.5	6	4
Q96RQ3	HUMAN Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial	MCCC1	0.5	-0.1	-0.4	-0.4	-0.1	-0.5	0.1	0.1	1	1
P09493-6	HUMAN Isoform 6 of Tropomyosin alpha-1 chain	TPM1	-0.5	-0.1	-0.4	0.7	2.8	2.5	2.2	-1.2	4	1
I3LTN6	PIG Uncharacterized protein	PPM1G	-0.3	0.1	0.1	-0.3	0.2	0.6	0.0	1.0	1	1
F1SFF3	PIG Uncharacterized protein (Fragment)	NID2	-0.1	-0.2	-0.2	0.1	0.7	0.2	-1.2	-2.0	26	24
M3VK13	PIG Eukaryotic translation initiation factor 5 tv1	EIF5	-0.4	-0.3	0.1	0.3	0.4	0.3	0.6	0.0	5	1
Q96PU8	HUMAN Protein quaking	QKI	-0.2	0.3	0.1	-0.6	-1.3	-1.0	-0.8	0.7	1	1
F1RRD6	PIG Uncharacterized protein (Fragment)	PDCD6IP	-0.2	-0.4	-0.1	0.4	0.9	1.1	0.3	0.5	20	9
O43837	HUMAN Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial	IDH3B	0.8	0.5	-0.7	-1.0	-1.6	-1.3	-2.4	-1.3	1	1
F1RRW8	PIG Uncharacterized protein	DNM1	0.2	-0.4	-0.3	0.0	0.7	0.0	0.6	-0.4	1	2
F1S3I3	PIG Eukaryotic translation initiation factor 3 subunit G	EIF3G	0.2	-0.9	0.0	0.3	1.6	1.8	0.8	0.4	7	2
M3TYW5	PIG Glutamyl-prolyl-tRNA synthetase	QARS	0.1	-0.8	-0.1	0.4	0.7	1.0	0.1	-0.2	7	5
F1SH25	PIG Uncharacterized protein	RAB21	0.3	-0.5	-0.2	0.0	0.3	0.3	0.6	0.9	2	2
P17560	PIG N-acetylglucosamine 2-epimerase	RENBP	0.0	0.2	-0.4	-0.3	0.3	-0.5	0.8	-0.6	1	1
F2VR55	PIG BCL2-associated athanogene 2 (Fragment)	BAG2	0.4	-0.3	-0.2	-0.3	0.3	1.3	1.7	0.8	1	1

F1S2E2	PIG Annexin
P03974	PIG Transitional endoplasmic reticulum ATPase
Q9H0Q0	HUMAN Protein FAM49A
P02587	PIG Troponin C, skeletal muscle
Q15542	HUMAN Transcription initiation factor TFIID subunit 5
B2R8Y4	HUMAN cDNA, FLJ94117, highly similar to Homo sapiens actinin, alpha 3 (ACTN3), mRNA
F1SFE3	PIG Uncharacterized protein (Fragment)
F1SSX0	PIG Uncharacterized protein
Q462R2	PIG Integrin beta-1-binding protein 2
F1SAE9	PIG Uncharacterized protein (Fragment)
F1SRB9	PIG Uncharacterized protein
I3LLZ8	PIG Uncharacterized protein (Fragment)
A1Z1Q3	HUMAN O-acetyl-ADP-ribose deacetylase MACROD2
P02540	PIG Desmin
Q5S1U1	PIG Heat shock protein beta-1
F1RMA3	PIG Uncharacterized protein
F1RJ11	PIG Uncharacterized protein
F1SLY4	PIG Uncharacterized protein
I3LSV6	PIG Uncharacterized protein (Fragment)
F1S8G6	PIG Uncharacterized protein
I3L801	PIG Uncharacterized protein (Fragment)
B7Z2V6	HUMAN cDNA FLJ53889, highly similar to Vacuolar ATP synthase catalytic subunit A
O79876	PIG Cytochrome c oxidase subunit 1
F1RFI8	PIG Uncharacterized protein
K7GN86	PIG Uncharacterized protein
F2Z543	PIG Uncharacterized protein
Q9BW92	HUMAN Threonine--tRNA ligase, mitochondrial
I3LGJ5	PIG Uncharacterized protein
I3L945	PIG Ubiquitin carboxyl-terminal hydrolase (Fragment)
F1SVA2	PIG Uncharacterized protein
F1SN05	PIG Uncharacterized protein (Fragment)
F1RIS6	PIG Uncharacterized protein (Fragment)
F1RZM4	PIG Uncharacterized protein (Fragment)
F1SNX3	PIG Uncharacterized protein
F1SIF5	PIG Uncharacterized protein
P63241	HUMAN Eukaryotic translation initiation factor 5A-1
F1SEN2	PIG Glutamate dehydrogenase 1, mitochondrial
F1RUK8	PIG Rab GDP dissociation inhibitor beta
I3LK73	PIG Uncharacterized protein
I3LT90	PIG Uncharacterized protein

ANXA11	-0.1	0.1	-0.1	-0.2	-0.1	0.1	0.4	-0.4	16	14
VCP	-0.7	-0.7	0.4	0.6	0.4	1.1	0.8	-0.5	30	22
FAM49A	0.5	-0.6	-0.3	0.0	0.5	0.3	0.1	0.0	2	1
TNNC2	-0.7	0.1	-0.1	0.3	1.6	-0.2	0.3	-1.6	1	1
TAF5	0.3	0.0	-0.3	-0.4	0.5	0.3	0.1	-0.6	1	1
NA	0.5	-0.1	-0.4	-0.5	0.0	0.0	0.4	1.6	1	1
LOC100154173	0.5	-0.3	-0.5	-0.1	-0.9	-0.6	-0.9	-0.5	7	6
LOC100153771	-0.2	-0.5	-0.1	0.4	0.1	0.2	1.3	1.9	4	5
ITGB1BP2	-0.4	-0.3	0.2	0.1	0.2	0.5	0.3	-1.5	1	1
LAMB1	-0.2	-0.2	-0.1	0.1	-0.8	-0.8	-0.8	0.1	28	23
ST13	-0.4	-0.6	0.1	0.4	0.1	0.5	1.1	0.6	10	7
WDR19	0.2	-0.6	-0.1	0.2	-0.2	-1.2	-2.1	-0.9	3	1
MACROD2	-0.5	-0.2	0.6	-0.3	-0.7	-1.5	-0.2	-0.5	1	1
DES	-0.8	-0.5	0.5	0.4	-0.3	-0.3	-0.1	-2.5	51	48
HSPB1	-1.0	-0.3	0.3	0.6	0.0	0.9	1.4	0.8	12	15
KIAA1967	0.3	-0.6	-0.2	0.1	0.3	0.5	0.8	0.3	5	3
MLEC	-0.5	-0.4	0.0	0.4	-0.5	-1.4	0.4	0.4	9	7
LMOD2	0.4	0.1	-0.4	-0.6	0.1	1.8	-0.6	-0.3	8	11
COL2A1	-0.7	-0.2	-0.1	0.6	0.4	0.3	0.0	0.7	2	1
SGTA	-0.8	-0.3	0.2	0.5	0.5	0.4	0.1	-0.9	7	2
PPP1R13L	0.8	-0.1	-0.4	-0.7	1.0	-0.1	-0.6	-0.6	1	2
NA	0.4	0.1	-0.5	-0.4	-0.4	0.3	0.3	1.5	1	1
MT-CO1	1.2	-0.3	-0.6	-0.8	-0.8	-0.9	-0.4	-0.6	2	1
EWSR1	-1.0	-0.6	0.3	0.8	1.0	1.2	2.3	1.6	3	1
DLG1	-0.9	-0.2	0.6	0.1	0.8	1.9	1.8	-0.1	1	1
LOC100524707	-0.1	0.3	-0.1	-0.5	0.2	0.3	-1.0	-0.8	3	2
TARS2	0.5	-0.3	-0.6	-0.1	-0.1	-1.0	-0.4	-0.3	1	1
TNKS1BP1	0.0	0.0	0.0	-0.4	0.5	0.8	-1.4	-0.8	1	1
LOC100625317	-0.2	-0.2	0.0	0.0	-0.9	0.0	0.9	-0.1	5	2
TINAGL1	0.0	0.0	-0.3	-0.1	-0.2	-0.8	-0.9	-1.2	6	4
EIF3J	-0.2	-0.5	0.1	0.1	2.0	1.2	0.4	-0.5	4	3
MMAB	0.8	-0.3	-0.4	-0.5	0.1	-0.3	-0.3	-0.6	1	1
LAMA4	0.0	0.1	-0.3	-0.3	-0.8	-1.3	-1.8	-0.8	23	23
LOC100525516	-0.1	-0.2	-0.4	0.2	0.2	0.6	0.5	-0.2	1	1
PTPMT1	-0.9	0.2	0.6	-0.4	0.4	-0.1	-1.1	-1.4	1	1
EIF5A	-1.2	-0.8	0.6	0.9	0.2	0.6	-1.5	-1.7	7	5
GLUD1	-0.1	-0.1	-0.2	-0.2	-0.8	-1.0	-1.4	-1.4	19	17
GDI2	-0.4	-0.6	0.0	0.5	0.0	-0.3	-0.7	-0.4	2	1
OTOG	-0.4	-0.3	0.0	0.2	-0.8	-0.5	0.4	1.3	1	2
MCCC1	0.3	-0.2	-0.1	-0.5	0.3	0.8	-0.4	0.3	3	8

F1RT73	PIG Uncharacterized protein (Fragment)
I3L8P7	PIG Uncharacterized protein
I3LAR5	PIG Uncharacterized protein
I3LH05	PIG Uncharacterized protein
I3LQ32	PIG Uncharacterized protein (Fragment)
I3LH70	PIG Uncharacterized protein
F1RWB7	PIG Uncharacterized protein (Fragment)
P43367	PIG Calpain-2 catalytic subunit (Fragment)
Q29235	PIG ATP synthase beta chain, mitochondrial (Fragment)
I3L812	PIG Uncharacterized protein
I3L9I9	PIG Uncharacterized protein
Q4Z8N7	PIG Plasma platelet-activating factor acetylhydrolase
I3LQ50	PIG Uncharacterized protein
I3LBS8	PIG Uncharacterized protein
I3LBN9	PIG Uncharacterized protein (Fragment)
P49923	PIG Lipoprotein lipase
A2A312	HUMAN Forkhead box protein P4 (Fragment)
A6NEL2	HUMAN Ankyrin repeat domain-containing protein SOWAHB
O60333-3	HUMAN Isoform 3 of Kinesin-like protein KIF1B
I3LPY8	PIG Uncharacterized protein (Fragment)
F1ST03	PIG Uncharacterized protein
Q9Y2I9	HUMAN TBC1 domain family member 30
F1S2T5	PIG Uncharacterized protein
I3L7Q4	PIG Uncharacterized protein
A6NMZ7	HUMAN Collagen alpha-6(VI) chain
I3LS80	PIG Uncharacterized protein
F1S260	PIG Uncharacterized protein
F1RTY6	PIG Uncharacterized protein
I3L5D4	PIG Uncharacterized protein
P54098	HUMAN DNA polymerase subunit gamma-1
P15924	HUMAN Desmoplakin
F1S393	PIG Uncharacterized protein
F1SBW4	PIG Protein quaking (Fragment)
Q9H8H3	HUMAN Methyltransferase-like protein 7A
P62701	HUMAN 40S ribosomal protein S4, X isoform
F1RZR2	PIG Uncharacterized protein
F1RIE0	PIG Uncharacterized protein
F1RIB4	PIG Uncharacterized protein (Fragment)
F1RPY1	PIG Uncharacterized protein (Fragment)
F1S880	PIG Uncharacterized protein

NA	0.7	0.3	-0.6	-0.8	0.8	0.8	0.1	-0.2	1	1
LOC100738149	-0.1	-0.5	-0.1	0.1	0.0	-0.4	0.4	0.0	1	1
NACA	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	0.1	1.2	14	21
CUX2	-0.1	0.3	-0.1	-0.6	-0.8	0.0	0.1	0.3	1	1
CGI-51	0.3	0.0	-0.5	-0.3	-0.4	-0.5	-1.0	-1.4	1	2
NA	-0.5	-0.3	-0.2	0.5	-0.5	-0.7	0.0	-0.3	5	3
NA	-1.3	-1.0	0.5	1.3	0.0	1.9	0.9	4.9	3	2
CAPN2	-0.3	-0.2	-0.3	0.2	-0.4	0.2	-0.5	-0.7	9	6
NA	1.1	0.7	-0.9	-1.3	0.1	-0.7	-1.7	-1.9	1	2
TPP1	-0.2	-0.4	-0.1	0.2	0.1	0.6	0.2	-1.3	1	1
RAD51AP2	-0.7	-0.2	0.1	0.4	0.1	-0.2	0.8	0.0	1	1
PAF-AH	-0.2	0.2	-0.1	-0.4	0.2	0.8	2.0	2.0	2	1
HNRNPK	-1.0	-0.6	0.3	0.8	0.7	1.0	1.1	-0.9	11	9
SYNRG	-0.1	-0.4	-0.3	0.2	0.8	0.1	2.4	3.2	1	1
TRA2B	-0.1	-0.3	-0.1	0.1	-0.4	-0.3	0.3	-0.1	5	4
LPL	0.3	0.3	-0.4	-0.8	1.0	0.8	0.6	0.2	1	1
FOX P4	0.7	0.5	-0.6	-1.2	0.5	0.2	0.3	-1.6	1	1
SOWAHB	0.4	0.4	-0.5	-0.8	-0.6	0.3	1.2	1.7	2	1
KIF1B	-0.1	-0.5	0.1	0.0	-0.7	-1.5	-1.9	-0.2	1	1
PANK4	0.2	0.5	-0.5	-0.7	-1.5	-1.9	-2.6	-1.6	2	5
POGZ	0.0	0.3	-0.3	-0.6	0.5	0.6	0.3	0.4	1	1
TBC1D30	0.6	-0.1	-0.4	-0.6	-0.2	-0.6	0.0	-0.2	1	1
LTBP2	-1.0	-0.8	0.2	1.0	-0.1	1.8	0.9	3.0	1	1
PRPF6	0.9	0.1	-0.8	-0.7	0.1	2.7	5.3	-0.8	2	1
COL6A6	-0.1	0.1	-0.4	-0.1	-1.2	-0.2	-0.5	0.0	6	2
LOC100739334	-0.3	-0.4	0.0	0.3	-1.6	-1.1	-1.3	-0.3	2	2
LOC100739276	0.6	0.1	-0.6	-0.8	-0.2	-0.6	-0.2	0.2	1	1
PPID	-0.7	-0.6	0.1	0.7	1.0	1.2	0.6	0.8	6	3
MAP2K2	-0.2	-0.4	0.0	0.2	0.3	0.8	0.9	0.9	4	2
POLG	0.1	0.0	-0.3	-0.4	-0.6	-0.4	-0.2	0.3	1	1
DSP	1.2	-0.1	-0.8	-0.8	-1.7	-1.8	-1.5	-1.0	2	4
CYB5B	0.3	-0.2	-0.5	-0.1	0.8	0.9	1.7	0.8	1	1
QKI	0.0	-1.2	0.1	0.6	-0.3	-1.1	-0.4	0.2	4	2
METTL7A	-0.3	0.0	-0.2	-0.1	-1.4	-1.6	-1.5	0.3	1	1
RPS4X	-1.5	-1.3	0.7	1.5	-0.5	-0.2	0.2	0.8	3	3
BAK1	0.1	0.3	-0.3	-0.6	1.2	-0.3	-0.5	0.5	2	1
MESDC2	0.0	-0.4	-0.1	0.0	0.9	0.2	0.2	-0.8	3	2
LOC100154801	0.0	-0.2	-0.2	-0.3	-0.1	-0.5	-0.7	-0.3	2	2
ATL3	-0.8	-0.6	-0.1	0.9	-0.4	-0.1	1.7	2.3	2	1
NSFL1C	-0.1	-0.5	0.0	0.0	0.6	0.4	-0.2	-0.7	11	6

I3LMT3	PIG Uncharacterized protein (Fragment)
I3LLD8	PIG Uncharacterized protein (Fragment)
F1S2F4	PIG Uncharacterized protein
F1RT88	PIG Uncharacterized protein
I3LT81	PIG Uncharacterized protein
Q9BX50	HUMAN Collagen alpha-1(XXV) chain
P25786	HUMAN Proteasome subunit alpha type-1
P79384	PIG Propionyl-CoA carboxylase beta chain, mitochondrial
Q9H254	HUMAN Spectrin beta chain, non-erythrocytic 4
Q6QAS9	PIG 60S ribosomal protein L7 (Fragment)
F1SJR2	PIG Uncharacterized protein
I3LTR9	PIG Uncharacterized protein
Q3Y5G4	PIG Nebulin-related anchoring protein
F1S0B9	PIG Uncharacterized protein
F1RJT3	PIG Uncharacterized protein (Fragment)
I3L7B0	PIG Uncharacterized protein (Fragment)
P09917	HUMAN Arachidonate 5-lipoxygenase
Q864R5	PIG Mitochondrial Rho GTPase 2
I3LE98	PIG Uncharacterized protein
F1S9Z4	PIG Uncharacterized protein
Q9UKU7	HUMAN Isobutyryl-CoA dehydrogenase, mitochondrial
F1SRB0	PIG Uncharacterized protein
A9QT41	PIG Inhibitor of kappa light polypeptide gene enhancer in B-cells kinase gamma
F1RZS9	PIG Uncharacterized protein
I3LSZ4	PIG Uncharacterized protein
F1RR62	PIG Uncharacterized protein
Q9NZJ0	HUMAN Denticless protein homolog
I3LFC4	PIG Uncharacterized protein (Fragment)
I3LS73	PIG Uncharacterized protein
Q28960	PIG Carbonyl reductase [NADPH] 1
F1SGJ4	PIG Uncharacterized protein
Q8HZV3	PIG Transferrin receptor protein 1
Q6UXZ4	HUMAN Netrin receptor UNC5D
D0G6X4	PIG Farnesyl diphosphate synthase
I3LVM9	PIG Uncharacterized protein (Fragment)
K7GLA7	PIG Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial
F2Z4Y1	PIG Uncharacterized protein
Q5BLZ2	PIG Perilipin-3
I3LJM0	PIG Uncharacterized protein (Fragment)
Q9BxB4	HUMAN Oxysterol-binding protein-related protein 11

RBM14	-0.4	-0.4	0.0	0.2	-1.0	-0.5	0.6	0.6	3	1
LOC100626701	0.1	-0.1	-0.3	-0.3	-0.1	-0.4	-1.6	-1.1	9	8
COMTD1	-0.2	0.1	-0.4	-0.2	-1.6	-0.8	0.1	0.1	1	2
CHD7	-0.8	-0.7	1.2	-0.2	0.4	1.0	0.4	0.2	1	1
RPL17	-1.2	-1.1	0.2	1.4	-0.4	0.6	1.1	1.6	6	7
COL25A1	-0.5	0.2	-0.5	0.2	0.1	1.6	4.8	0.0	1	1
PSMA1	-0.4	-0.8	0.2	0.4	0.9	-0.2	0.3	-0.3	13	5
PCCB	0.4	0.3	-0.5	-0.9	-0.2	-0.2	-0.4	0.0	13	16
SPTBN4	0.0	0.0	-0.1	-0.6	-2.0	-1.7	-0.7	0.7	1	2
NA	-1.3	-1.3	0.5	1.4	-1.6	-0.9	-0.9	1.3	3	3
XIRP1	-0.8	-0.2	0.0	0.3	1.6	2.0	0.5	0.2	52	44
LOC100739583	0.0	-0.1	-0.3	-0.2	1.1	1.2	1.4	-0.4	7	6
NRAP	-0.3	-0.4	0.1	0.1	0.1	0.4	-0.7	-1.2	8	12
EIF4E	-1.3	-0.9	0.6	0.9	0.0	1.5	1.4	0.9	3	1
DPYSL3	-0.2	-0.6	-0.2	0.3	0.5	0.9	0.5	-0.2	19	14
NA	-1.0	-0.6	0.2	0.8	-0.8	-1.2	-1.0	-1.1	2	2
ALOX5	0.3	0.3	-0.4	-0.9	-0.8	-1.0	-1.6	0.0	1	1
RHOT2	-0.2	-0.3	-0.2	0.1	0.4	0.3	-0.4	-0.4	1	1
NFU1	-0.3	-0.2	0.1	-0.3	0.2	-0.3	0.0	1.3	2	1
NA	0.8	0.2	-0.7	-0.9	1.9	2.0	1.9	1.7	1	1
ACAD8	0.3	-0.2	-0.4	-0.4	0.0	-0.7	-1.0	-1.6	2	2
ZNF501	-0.9	-0.9	0.4	0.7	0.3	1.8	-0.9	0.0	1	1
IKBK	0.1	0.0	-0.2	-0.5	-0.4	-0.1	-0.8	-0.2	2	1
ZBTB22	-0.8	0.1	0.3	-0.3	0.6	1.2	1.9	-0.4	1	1
LOC100518118	-1.0	-0.8	0.6	0.5	-0.4	-0.1	-0.4	-0.8	1	1
CCBL1	0.6	-0.1	-0.3	-0.8	0.1	-0.9	-0.6	-0.3	1	2
DTL	0.0	-0.1	-0.3	-0.2	1.1	1.5	-0.1	0.8	1	1
AIMP1	-0.1	-0.6	-0.2	0.3	1.0	0.3	0.1	-0.6	7	2
TIMM13	0.7	0.3	-0.7	-1.0	1.2	1.3	0.0	-0.5	4	3
CBR1	0.7	-0.5	-0.4	-0.5	1.1	0.8	-0.2	-0.7	1	1
ABHD6	0.5	-1.0	-0.1	0.0	2.0	1.2	0.5	1.5	2	1
TFRC	0.1	-0.1	-0.3	-0.4	1.0	0.0	0.5	0.8	16	15
UNC5D	0.2	0.0	-0.4	-0.6	-1.3	-0.8	-1.0	-0.5	1	1
FDPS	-0.1	-0.1	-0.2	-0.3	-2.1	-1.8	-1.3	0.4	4	4
LOC100623403	0.9	-0.3	-0.8	-0.4	-0.7	-1.6	0.0	0.5	1	1
PDHA1	0.6	1.4	-1.1	-1.6	1.0	1.6	1.8	-1.0	1	1
YWHAH	-0.5	-0.9	0.1	0.6	-0.1	0.8	0.2	-0.2	13	12
PLIN3	-0.4	-0.4	-0.2	0.2	0.8	0.8	1.3	1.0	3	3
NA	-0.9	0.0	-0.1	0.4	3.0	1.5	0.3	-2.1	3	1
OSBPL11	0.6	-0.1	-0.6	-0.6	0.0	-0.3	-0.4	-1.6	1	1

F1SB16	PIG Uncharacterized protein	COPS3	-0.1	-0.4	-0.3	0.1	-0.2	-0.2	-0.1	1.8	4	3
F1RJ74	PIG Uncharacterized protein	SUGT1	-0.5	-0.6	0.1	0.2	1.1	1.1	-0.2	-0.7	4	1
F1SMP1	PIG Uncharacterized protein	LOC100155846	0.7	-0.4	-0.2	-0.8	0.0	-0.6	-0.8	-0.7	1	1
P50750-2	HUMAN Isoform 2 of Cyclin-dependent kinase 9	CDK9	-2.2	-0.8	0.3	2.0	-0.1	1.7	1.0	1.9	2	2
F1SEX0	PIG Uncharacterized protein (Fragment)	DDAH1	-0.8	-0.3	0.3	0.0	0.3	0.2	0.4	0.1	4	2
F1RPQ3	PIG Uncharacterized protein	PSMD14	-0.1	-0.5	-0.1	0.1	-0.3	-0.4	-0.3	-0.8	2	1
Q9BPX1	HUMAN 17-beta-hydroxysteroid dehydrogenase 14	HSD17B14	0.1	-0.3	-0.4	-0.1	0.2	-0.6	-1.4	-0.6	1	1
Q6ZSR9	HUMAN Uncharacterized protein FLJ45252	NA	0.2	0.1	-0.7	-0.4	1.7	1.5	0.0	-0.7	1	1
I3LUR7	PIG Uncharacterized protein	COL6A3	-0.8	-0.9	-0.3	1.3	-1.4	-2.1	-1.9	1.6	88	73
K7GKE2	PIG Uncharacterized protein	MCAM	-0.1	0.1	-0.4	-0.4	-0.1	0.6	0.9	-0.4	8	5
Q29221	PIG F-actin-capping protein subunit alpha-2	CAPZA2	0.0	-0.4	-0.2	-0.1	-0.3	0.3	0.1	-0.3	12	10
F1S971	PIG Uncharacterized protein	CEP170B	0.2	-0.2	-0.2	-0.4	-0.8	-0.2	-0.2	-0.2	3	1
Q8TEU7-2	HUMAN Isoform 2 of Rap guanine nucleotide exchange factor 6	RAPGEF6	-0.3	-0.6	-0.1	0.3	0.5	-1.1	0.5	0.2	1	1
Q52I78	PIG Nicotinamide phosphoribosyltransferase	NAMPT	0.1	-0.5	-0.2	-0.1	1.5	1.2	0.5	0.9	3	2
I3LU72	PIG Uncharacterized protein (Fragment)	LOC100513223	-1.1	-0.1	0.2	0.4	0.1	-0.4	0.0	1.3	1	1
P09497	HUMAN Clathrin light chain B	CLTB	-0.6	-0.2	-0.3	0.4	0.6	0.1	-0.5	-0.6	1	1
F1SKR2	PIG Uncharacterized protein (Fragment)	LOC100153863	-2.3	1.0	1.2	-0.7	-1.8	-1.8	0.4	0.3	1	1
F1SIE0	PIG Uncharacterized protein	MTCH2	0.1	0.2	-0.4	-0.7	-1.1	-1.5	-0.8	-0.2	7	8
P11047	HUMAN Laminin subunit gamma-1	LAMC1	-0.3	-0.4	-0.2	0.1	-0.6	-1.8	-2.0	1.1	2	1
F1RYA4	PIG Uncharacterized protein	NAP1L4	-0.2	-0.2	0.1	-0.4	0.8	0.5	-0.9	-1.9	4	3
F1SID4	PIG Uncharacterized protein (Fragment)	PSMC3	-0.6	-0.1	-0.2	0.2	-1.0	-1.1	-1.5	-1.5	10	3
Q9BUA6	HUMAN Myosin regulatory light chain 10	MYL10	0.6	0.2	-0.6	-0.9	-1.0	-1.6	-3.0	-3.5	1	1
Q3Y4D7	PIG Adiponectin (Fragment)	NA	0.0	0.2	-0.4	-0.5	0.3	0.3	2.1	-0.4	7	6
F1RTY3	PIG Uncharacterized protein	CDNF	0.7	-0.2	-0.4	-0.8	2.8	4.5	1.8	-0.5	1	1
F1RW98	PIG Uncharacterized protein	LOC100626145	-0.3	-0.1	-0.3	0.0	-0.4	-0.2	-0.8	-0.5	5	5
Q3ZDQ5	PIG Caveolin-3	CAV3	-0.3	0.7	-0.3	-0.8	-0.3	0.8	1.2	2.4	2	2
F1RX64	PIG Uncharacterized protein	RBPM5	0.2	-0.5	-0.3	-0.2	1.6	1.5	0.5	0.2	4	3
E3UV40	PIG Extracellular signal-regulated kinase-2	ERK2	-0.4	-1.0	0.1	0.5	-0.2	-0.6	0.9	0.9	1	1
F1SMG1	PIG Uncharacterized protein (Fragment)	MRPS30	0.0	0.1	-0.2	-0.6	0.3	0.2	-0.2	0.2	1	1
I3LVR9	PIG Uncharacterized protein	CMPK2	0.0	-0.3	-0.3	-0.2	0.4	0.5	1.9	1.2	3	2
Q8N1G4	HUMAN Leucine-rich repeat-containing protein 47	LRRC47	-0.1	-0.3	-0.2	-0.1	0.1	-0.4	0.3	-0.6	1	1
B7STY5	PIG Chloride intracellular channel 5	CLIC5	0.0	-0.3	-0.1	-0.2	-0.2	0.0	-0.6	-1.7	5	4
F1SSG6	PIG Uncharacterized protein (Fragment)	ANP32B	-0.3	-0.5	0.1	0.0	-0.5	-1.1	-1.0	-1.0	4	1
F1RVY7	PIG Uncharacterized protein (Fragment)	GALK1	0.1	-0.7	-0.2	0.0	1.2	0.8	0.8	-0.3	7	7
I3LSJ9	PIG Uncharacterized protein	YTHDF2	-0.5	-0.8	0.1	0.6	0.2	-0.2	0.3	-0.1	3	1
P26374	HUMAN Rab proteins geranylgeranyltransferase component A 2	CHML	0.4	0.0	-0.6	-0.6	-1.1	-0.1	-0.1	0.0	1	1
Q9H0E2	HUMAN Toll-interacting protein	TOLLIP	-0.3	-0.9	0.0	0.4	-1.1	0.3	-0.2	0.2	1	1
Q16543	HUMAN Hsp90 co-chaperone Cdc37	CDC37	-0.4	0.0	0.0	-0.4	-0.8	-0.6	-0.2	0.4	1	1
I3LTK1	PIG Uncharacterized protein	FXN	0.2	0.4	-0.4	-0.9	0.9	1.3	0.7	-1.3	2	1
F1SQD9	PIG Uncharacterized protein	CRELD1	-0.7	-0.9	0.5	0.3	0.1	0.3	0.6	0.5	1	1

F1S1X4	PIG Ferrochelatase (Fragment)	FECH	0.7	-0.3	-0.8	-0.4	-0.4	-0.3	-0.2	-0.1	5	5
P35749	HUMAN Myosin-11	MYH11	-0.8	-0.5	-0.2	0.7	-0.1	-0.1	1.4	1.1	6	4
I3LET0	PIG Uncharacterized protein (Fragment)	NEDD8	0.0	-0.3	-0.3	-0.2	-0.9	0.4	-7.9	0.0	2	1
Q9BV73	HUMAN Centrosome-associated protein CEP250	CEP250	1.1	-0.5	-0.6	-0.8	0.7	-0.9	-0.3	-0.7	2	1
Q1HL06	PIG 6-phosphofructokinase (Fragment)	PFMK	-1.0	-0.9	0.1	1.0	0.0	-1.1	0.8	0.7	4	3
I3LJT1	PIG Uncharacterized protein	NA	-0.2	-0.2	-0.3	-0.1	0.2	-0.1	-1.4	-1.6	4	3
F1RQI6	PIG Uncharacterized protein (Fragment)	FILIP1	0.5	-0.2	-0.5	-0.5	-0.2	0.6	0.2	0.2	1	3
I3LUM9	PIG Uncharacterized protein	LOC100525970	-0.4	-0.4	-0.1	0.2	-0.5	-0.1	-0.4	-0.9	8	3
F2Z5W4	PIG Uncharacterized protein (Fragment)	LOC100737162	-0.8	-0.7	0.1	0.6	-0.3	-0.6	-0.2	-0.4	1	1
D7RA29	PIG Microtubule-associated protein 1 light chain 3 beta	MAP1LC3B	-0.7	-0.8	0.1	0.7	-0.5	1.2	1.0	-0.1	1	1
I3LFK0	PIG Uncharacterized protein	BCS1L	0.3	-0.1	-0.5	-0.5	-1.5	-1.9	-1.1	-0.4	4	1
B0LY42	PIG CD147	NA	0.4	0.2	-0.6	-0.7	0.5	0.1	-0.4	0.2	3	3
F1SU00	PIG Uncharacterized protein (Fragment)	NA	-0.3	-0.8	-0.3	0.6	0.2	-0.5	-1.0	-0.7	2	2
Q3ZD69	PIG Prelamin-A/C	LMNA	-0.6	-0.5	-0.3	0.5	-0.1	0.4	0.4	0.0	55	46
F1S8P9	PIG Adducin 1 (Alpha)	ADD1	-0.2	-0.3	-0.2	-0.1	-0.1	0.0	0.0	0.0	8	8
Q9Y696	HUMAN Chloride intracellular channel protein 4	CLIC4	-0.1	-0.5	-0.4	0.3	0.7	1.8	0.7	-0.1	4	4
Q29090	PIG Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform (Fragment)	PPP2R2A	-0.2	-0.5	-0.2	0.1	0.4	0.0	-0.1	-0.3	8	4
O00189	HUMAN AP-4 complex subunit mu-1	AP4M1	-0.3	-0.3	-0.3	0.1	-8.8	-13.8	-15.4	-17.1	1	1
F1RZV1	PIG Uncharacterized protein	LOC100522554	0.3	-0.3	-0.5	-0.3	1.1	1.1	0.6	-0.6	5	2
O75208	HUMAN Ubiquinone biosynthesis protein COQ9, mitochondrial	COQ9	-0.2	0.1	-0.4	-0.3	0.1	-0.9	-1.5	0.5	2	1
F1RKH4	PIG Uncharacterized protein	HSPB8	-0.2	0.0	-0.4	-0.2	0.8	0.7	1.0	-0.6	6	3
F1SNC6	PIG Uncharacterized protein (Fragment)	KIAA0368	-0.3	-0.6	-0.1	0.2	-1.5	-1.3	-1.1	-2.3	2	1
F1SA22	PIG Uncharacterized protein	ZFYVE26	-0.2	0.3	-0.4	-0.5	2.0	0.6	-0.9	-1.2	1	1
A0SNV3	PIG Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta polypeptide (Fragment)	NA	-0.9	-0.9	0.2	0.7	-1.7	-2.2	-1.4	-1.6	7	6
I3LDT4	PIG Uncharacterized protein	NA	-0.1	-0.4	0.0	-0.3	0.3	-0.5	0.1	-1.1	2	4
I3LK09	PIG Uncharacterized protein	MRPS27	0.7	-0.8	-0.6	-0.2	0.1	0.1	-0.8	-0.3	1	3
P04574	PIG Calpain small subunit 1	CAPNS1	-0.5	-0.6	0.0	0.3	0.6	0.8	0.3	-0.8	9	6
A7UIU7	PIG ATP citrate lyase	ACL	-0.7	-0.3	0.0	0.2	0.6	-0.3	-1.0	0.4	6	2
Q9UMS0	HUMAN NFU1 iron-sulfur cluster scaffold homolog, mitochondrial	NFU1	0.5	-0.4	-0.5	-0.4	2.1	1.5	-0.4	-1.8	2	1
Q86U42	HUMAN Polyadenylate-binding protein 2	PABPN1	-0.5	-0.6	-0.2	0.4	0.5	-0.4	-0.3	-0.3	2	1
H9LB34	PIG Protein phosphatase 1B magnesium-dependent beta isoform (Fragment)	PPM1B	-0.1	-0.4	-0.1	-0.2	0.4	0.5	-0.6	-1.3	2	3
Q9Y512	HUMAN Sorting and assembly machinery component 50 homolog	SAMM50	-0.1	-0.1	-0.2	-0.5	-0.1	-0.2	0.6	0.7	4	5
F1SGG2	PIG Uncharacterized protein	KRT8	-0.5	-0.4	0.0	0.1	0.6	0.1	1.6	4.4	5	2
F1S2Z4	PIG Uncharacterized protein	LOC100525900	-0.1	-0.1	-0.4	-0.3	-0.3	-0.2	-0.4	-0.6	15	15
P25789	HUMAN Proteasome subunit alpha type-4	PSMA4	-0.2	-0.6	-0.2	0.1	0.6	0.1	-0.1	-0.2	1	1
Q6NSX1	HUMAN Coiled-coil domain-containing protein 70	CCDC70	-0.4	-0.1	-0.5	0.1	-0.3	1.0	0.4	-0.3	1	1
Q9NVI7	HUMAN ATPase family AAA domain-containing protein 3A	ATAD3A	-0.4	0.0	-0.2	-0.3	0.0	0.5	0.7	1.2	1	1
Q710C4	PIG Adenosylhomocysteinase	AHCY	-0.5	-1.0	0.1	0.6	0.2	-0.3	1.3	-0.2	10	10
F1SPT5	PIG Uncharacterized protein	LAMB2	0.0	-0.2	-0.3	-0.4	-0.5	-1.0	-1.8	-0.9	25	25

F1SIX3	PIG UTP--glucose-1-phosphate uridylyltransferase (Fragment)
Q95N02	PIG Cysteinyl leukotriene receptor 1
Q9BUH8	HUMAN Brain-enriched guanylate kinase-associated protein
Q5Y2C6	PIG Transcription factor TZP (Fragment)
I3LCW3	PIG Uncharacterized protein
Q6SA96	PIG 40S ribosomal protein S23
F1RPT3	PIG Uncharacterized protein (Fragment)
F1SFJ7	PIG Uncharacterized protein
F4MHC4	HUMAN Ubiquitously transcribed tetratricopeptide repeat protein Y-linked transcript variant 214
O79881	PIG NADH-ubiquinone oxidoreductase chain 4
F1S3W0	PIG Cytochrome b-c1 complex subunit 6
I3LHK5	PIG Uncharacterized protein
Q19066	PIG Ovarian sterol carrier protein 2 (Fragment)
Q562R1	HUMAN Beta-actin-like protein 2
F5H1B2	HUMAN tRNA pseudouridine synthase A, mitochondrial (Fragment)
I3L5B9	PIG Uncharacterized protein
F1RK18	PIG Uncharacterized protein
P11055	HUMAN Myosin-3
P49756	HUMAN RNA-binding protein 25
Q96RL7	HUMAN Vacuolar protein sorting-associated protein 13A
I3LEB7	PIG Uncharacterized protein (Fragment)
I3LB11	PIG Uncharacterized protein
F1S232	PIG 4-trimethylaminobutyraldehyde dehydrogenase
F1RUP0	PIG Uncharacterized protein (Fragment)
F1S3J0	PIG Uncharacterized protein
F1RXD5	PIG Uncharacterized protein
I3LHC8	PIG Uncharacterized protein
Q9GLE9	PIG Heat shock 90kD protein 1, beta (Fragment)
P13489	HUMAN Ribonuclease inhibitor
P51888	HUMAN Prolargin
P63220	HUMAN 40S ribosomal protein S21
I3L8K2	PIG Uncharacterized protein
Q8NFS9	HUMAN N-acetyllactosaminide beta-1,6-N-acetylglucosaminyl-transferase, isoform C
K7GMI6	PIG Uncharacterized protein
F1SR21	PIG Uncharacterized protein
F1RLE5	PIG Uncharacterized protein
F1S1F3	PIG Uncharacterized protein
F1RF44	PIG Uncharacterized protein
F1SFQ0	PIG Uncharacterized protein
P14543	HUMAN Nidogen-1

UGP2	-0.4	-0.4	-0.3	0.3	-0.7	0.0	-0.7	-0.4	1	1
CYSLTR1	0.1	0.3	-0.5	-0.8	0.4	0.4	0.5	0.1	1	1
BEGAIN	0.8	0.2	-0.8	-1.2	-0.3	0.3	-1.2	-1.3	2	1
NA	-0.8	-1.0	0.1	0.8	-0.8	-1.6	0.5	1.6	1	1
SRRM2	0.1	-0.4	-0.3	-0.3	0.8	1.4	1.6	2.8	4	1
RPS23	-1.3	-1.0	0.2	1.3	-1.6	-1.1	0.1	0.5	6	6
TANC1	0.1	-0.1	-0.3	-0.6	-0.8	0.9	0.1	0.9	1	2
LYRM5	0.1	0.2	-0.4	-0.8	-1.3	-1.2	-1.2	-0.9	1	2
UTY	0.5	0.6	-0.9	-1.1	0.3	0.6	0.6	-0.8	1	1
MT-ND4	0.0	0.2	-0.5	-0.6	-0.3	0.6	-1.0	-0.5	5	5
UQCRH	0.3	1.4	-0.8	-1.8	3.3	1.9	-0.1	-3.1	4	4
LOC100620619	0.0	0.0	-0.6	-0.4	1.4	2.8	1.3	-0.8	1	1
SCP2	-0.6	-0.3	-0.1	0.2	0.1	0.0	-0.6	0.6	4	3
ACTBL2	0.5	0.0	-0.6	-0.8	-0.7	-0.8	-1.3	-0.2	5	3
PUS1	0.2	0.4	-0.3	-1.2	-0.3	-0.6	-1.3	-0.7	1	1
LOC100624781	0.0	-0.4	-0.2	-0.3	0.1	-0.7	-0.5	-0.6	1	5
CAB39L	-0.7	-0.3	0.0	0.0	0.6	0.3	-0.6	-1.2	2	1
MYH3	0.6	-0.2	-0.7	-0.7	-0.9	-1.2	-0.8	-0.7	5	6
RBM25	-0.5	-0.1	-0.3	-0.1	0.5	2.2	0.7	-1.7	3	1
VPS13A	-1.3	0.1	0.5	-0.2	0.1	-0.3	1.0	-0.2	1	1
PODN	-0.7	-0.7	-0.2	0.7	-1.0	2.7	-1.6	-0.4	1	2
CPNE8	0.0	-0.4	-0.5	-0.2	0.2	0.2	-0.4	-0.8	1	1
ALDH9A1	-0.4	-0.6	-0.1	0.1	-0.6	-1.0	-0.8	-1.1	11	10
ECHDC3	0.2	-0.8	0.0	-0.4	-0.7	0.0	0.3	0.1	1	2
ACOT6	0.7	0.3	-0.7	-1.3	-0.3	-0.3	0.6	-0.7	3	3
CPNE3	-0.3	-0.5	-0.2	0.0	0.1	-0.1	0.2	0.4	4	5
LOC100522692	0.2	-0.3	-0.2	-0.6	-0.2	-0.6	-0.5	-1.3	4	6
HSPCB	0.2	-1.9	0.1	0.6	-0.5	0.6	-0.1	-0.8	2	3
RNH1	-0.3	-0.7	-0.1	0.1	1.3	0.9	0.2	0.1	1	1
PRELP	-0.2	-0.6	-0.3	0.1	-0.1	0.8	0.4	0.5	1	1
RPS21	0.1	0.0	-0.4	-0.7	-0.3	-1.5	-1.4	0.2	1	1
NA	-0.4	-0.1	-0.1	-0.4	-0.6	0.0	-0.6	-0.7	4	9
GCNT2	-0.9	-1.0	-0.3	1.2	-0.9	-1.2	-0.6	0.5	1	1
TBKBP1	0.7	0.2	-0.8	-1.0	-0.1	0.4	0.0	0.1	1	1
LOC100516708	0.2	-0.6	-0.4	-0.2	0.8	-0.7	-1.5	-0.1	2	2
TMED7	-0.6	0.1	-0.2	-0.3	0.5	-0.7	-0.3	0.6	3	1
COA3	0.1	0.2	-0.4	-0.9	-0.6	-0.5	-0.9	-0.1	3	3
LOC100739542	0.6	0.2	-0.8	-1.0	-0.9	-0.8	-1.7	-1.3	2	3
UBA3	0.4	-0.7	-0.5	-0.1	1.2	0.9	0.9	-0.8	1	2
NID1	-0.1	-0.5	-0.4	0.0	-0.1	-1.2	0.2	0.1	4	3

F1RSH0	PIG Uncharacterized protein
F1RIJ5	PIG Uncharacterized protein (Fragment)
F1SHX0	PIG Uncharacterized protein (Fragment)
F1SIQ5	PIG Uncharacterized protein
O75417	HUMAN DNA polymerase theta
F1SAM8	PIG Uncharacterized protein (Fragment)
L7UVK8	PIG MHC class I alpha chain (Fragment)
B8XY19	PIG Acyl-CoA synthetase short-chain family member 2
K9IVF7	PIG X-prolyl aminopeptidase (Aminopeptidase P) 1, soluble
K7GMY3	PIG Uncharacterized protein (Fragment)
F1SV22	PIG Uncharacterized protein
I3LCG5	PIG Uncharacterized protein
I3L567	PIG Uncharacterized protein
I3LJE2	PIG Uncharacterized protein
B9V4E8	PIG ADP-ribosylation factor 2
Q6YN16	HUMAN Hydroxysteroid dehydrogenase-like protein 2
A7YB26	PIG Peroxisomal enoyl coenzyme A hydratase 1 (Fragment)
I3LDB1	PIG Uncharacterized protein (Fragment)
Q8WNP7	PIG N-acetylgalactosamine-6-sulfatase
F1SU03	PIG Uncharacterized protein
F1S3V0	PIG Uncharacterized protein
F1RNX2	PIG Programmed cell death protein 5
B3KS36	HUMAN cDNA FLJ35376 highly similar to Homo sapiens ribosomal protein L3 (RPL3)
I3LHT9	PIG Uncharacterized protein
F1SSR1	PIG Uncharacterized protein
F1RI49	PIG Uncharacterized protein (Fragment)
D2KPI8	PIG Adenylosuccinate lyase
I3LLT5	PIG Uncharacterized protein
D4PEM8	PIG N-Myc downstream regulated gene 2
I3L662	PIG Uncharacterized protein
I3LUL5	PIG Uncharacterized protein (Fragment)
F1RRF2	PIG Uncharacterized protein
I3LTZ5	PIG Uncharacterized protein
Q8IX12	HUMAN Cell division cycle and apoptosis regulator protein 1
M3TYK5	PIG ATPase, Ca++ transporting, plasma membrane 4 tv2
P23588	HUMAN Eukaryotic translation initiation factor 4B
I3LDU9	PIG Uncharacterized protein
I3LDQ1	PIG Uncharacterized protein
Q96DH6	HUMAN RNA-binding protein Musashi homolog 2
Q86VF7	HUMAN Nebulin-related-anchoring protein

MRPL15	0.5	-0.3	-0.5	-0.7	1.6	1.8	-0.3	-0.3	2	3
DNAJC11	-0.1	-0.3	-0.3	-0.3	0.4	-0.7	-0.4	0.0	3	4
NEB	-1.0	-0.3	0.3	0.0	-0.8	-0.8	-1.1	-0.6	1	1
GPC1	-0.5	-0.3	0.2	-0.5	-0.9	-0.9	-0.8	-1.2	3	1
POLQ	0.4	0.3	-0.9	-0.8	2.2	2.2	-0.6	-2.9	2	2
CDC42BPB	0.2	-0.2	-0.5	-0.5	0.4	-0.6	-1.2	-0.9	1	1
SLA-2	-0.1	0.0	-0.4	-0.5	-0.2	-1.2	-0.8	-1.3	1	1
ACSS2	0.6	-0.5	-0.5	-0.6	-0.3	0.1	-1.3	-1.2	5	6
XPNPEP1	0.0	-0.3	-0.3	-0.4	1.1	1.9	0.3	-0.7	7	6
HSD17B10	0.2	-0.6	-0.4	-0.1	0.7	-0.2	0.2	-0.2	3	3
MACF1	-0.6	-1.1	0.0	0.7	-1.3	-1.3	-1.6	0.0	9	5
PLBD1	-0.7	-0.2	0.1	-0.2	0.6	0.6	0.9	0.5	1	1
NA	-0.7	0.0	-0.4	0.1	-0.5	-0.6	0.1	-0.2	1	1
DPYSL2	-0.2	-0.5	-0.4	0.1	0.5	0.6	0.9	-0.6	19	16
ARF2	-0.6	-0.4	-0.2	0.2	0.0	0.7	-0.3	-0.8	2	2
HSDL2	0.7	-0.5	-0.8	-0.5	0.1	0.2	0.6	1.0	1	1
ECH1	0.7	0.0	-0.8	-0.9	-0.6	-1.3	-1.2	-0.8	1	1
NA	0.0	-0.2	-0.3	-0.5	-0.8	-0.9	-0.1	-0.5	1	1
GALNS	-0.2	-0.4	-0.5	0.0	-0.5	-1.1	0.9	-0.7	3	1
HSPG2	-0.1	-0.6	-0.3	0.0	-0.8	-1.9	-1.9	-1.3	19	16
MAST2	1.0	0.3	-1.0	-1.4	-1.1	-2.2	-2.6	-0.7	2	2
PDCD5	-0.1	-0.4	-0.2	-0.2	1.4	1.4	-0.4	-1.7	4	5
NA	-0.3	-0.4	-0.4	0.0	1.0	2.5	0.5	0.3	1	1
STX12	-0.2	0.0	-0.4	-0.4	1.0	0.8	0.1	-0.1	3	1
C15orf52	0.3	-1.2	-0.1	0.0	0.8	1.0	1.8	1.9	1	1
AP5Z1	0.5	0.0	-0.7	-0.8	-0.2	-0.8	-0.1	0.6	1	1
ADSL	-0.2	-0.6	0.0	-0.2	-0.9	-1.5	-0.6	-0.4	2	3
SUOX	0.2	-0.8	-0.4	-0.1	1.2	0.5	-0.1	-0.1	2	2
NDRG2	0.4	-0.1	-0.7	-0.7	0.4	0.8	-0.2	-1.2	1	1
LOC100622542	0.3	0.3	-0.8	-0.9	0.2	-0.3	-1.4	-1.3	1	1
LOC100624689	-1.4	-0.5	-0.1	0.8	-0.9	-0.8	-0.8	1.5	6	4
STT3B	-0.9	-0.9	0.0	0.7	-1.0	-1.1	0.5	0.1	2	2
LOC100624938	-0.4	-0.4	-0.1	-0.1	-0.9	-0.9	-1.4	-0.6	1	1
CCAR1	-2.5	-1.5	1.2	1.7	-2.1	-2.0	0.7	1.8	2	2
ATP2B4	-0.4	-0.6	-0.5	0.4	0.1	-0.2	-0.1	-0.2	5	3
EIF4B	-1.0	-0.3	0.0	0.2	1.8	1.8	0.9	1.0	3	2
SNTB2	-0.6	0.2	-0.7	-0.1	-0.3	-0.6	-0.9	-0.9	3	3
NA	-0.5	-0.8	-0.2	0.4	0.8	-0.2	-0.6	0.2	4	5
MSI2	-0.1	0.1	-0.6	-0.5	1.0	0.7	-0.8	0.2	1	1
NRAP	-0.7	-0.3	0.0	-0.1	0.0	0.7	-0.3	0.8	3	2

K7GMH0	PIG Uncharacterized protein (Fragment)	MYH6	1.9	-0.6	-1.2	-1.2	3.9	0.9	-0.4	2.0	13	12
F1SAH1	PIG Uncharacterized protein	NLRX1	0.3	0.0	-0.6	-0.8	-0.2	-1.2	-1.2	-1.7	3	10
F1S8M9	PIG Uncharacterized protein	LRPAP1	-1.0	-0.2	0.0	0.0	-0.5	-0.9	-0.9	-0.6	7	7
P00172	PIG Cytochrome b5	CYB5A	-0.7	0.1	-0.1	-0.4	0.0	0.4	-0.6	-1.1	5	5
Q9Y625	HUMAN Glypican-6	GPC6	-0.1	-0.2	-0.4	-0.3	-0.7	-1.1	-1.1	-1.0	1	1
F1SVD5	PIG Uncharacterized protein (Fragment)	SMYD1	-0.2	-0.6	-0.5	0.1	-0.5	-0.9	0.4	1.2	1	1
F1S361	PIG Uncharacterized protein	DSTYK	-0.4	-0.2	-0.2	-0.3	0.2	-0.1	2.0	0.2	2	1
F1S9C9	PIG Proteasome subunit beta type	LOC100155139	-0.3	-1.1	-0.4	0.7	0.4	-0.5	0.8	0.1	4	6
A5A774	PIG Hermansky-Pudlak syndrome 5 protein	HP55	0.1	0.6	-1.0	-0.7	0.0	-0.6	-0.6	-0.1	1	1
I3LTV9	PIG Uncharacterized protein	LOC100623269	0.4	-0.8	-0.4	-0.3	-1.1	-1.0	-0.8	1.2	2	1
F1SN53	PIG Uncharacterized protein	C2orf88	0.3	-0.3	-0.6	-0.6	-0.7	-1.0	-1.9	-0.7	4	3
I3LEG0	PIG Uncharacterized protein (Fragment)	FARP1	-0.3	-1.0	-0.2	0.3	-1.5	-1.6	-1.4	0.2	2	1
Q8N612	HUMAN FTS and Hook-interacting protein	FAM160A2	0.4	-0.3	-0.7	-0.6	-0.7	0.2	0.7	0.2	1	1
O02840	PIG Cadherin-5	CDH5	-0.5	-0.1	-0.3	-0.2	-1.5	-1.1	-1.7	-1.5	4	1
F1SF87	PIG Uncharacterized protein (Fragment)	SLC25A13	-0.2	-0.2	-0.4	-0.4	-1.1	-1.0	-1.1	-0.5	10	10
K7GPJ4	PIG Uncharacterized protein	ACOT9	0.2	-0.1	-0.5	-0.7	0.4	0.1	-0.7	-0.2	14	15
I3L9N5	PIG Uncharacterized protein	LOC100626266	-0.4	-0.5	-0.2	-0.1	1.0	0.8	-0.7	0.3	2	1
Q15185	HUMAN Prostaglandin E synthase 3	PTGES3	-0.9	-0.9	0.2	0.5	-0.3	-0.1	-1.5	-1.7	2	1
I3LV53	PIG Uncharacterized protein	LOC100627810	-0.1	-0.4	-0.4	-0.3	0.1	0.7	-0.2	0.2	2	3
A1XQU9	PIG 40S ribosomal protein S20	RPS20	-0.6	-0.9	-0.1	0.4	-0.3	-0.4	-0.6	-0.6	3	3
P62258	HUMAN 14-3-3 protein epsilon	YWHAE	0.2	-0.8	-0.5	-0.1	0.8	0.6	0.5	0.0	5	4
I3LDH3	PIG Uncharacterized protein	PARP1	-0.3	-0.6	-0.3	0.0	0.6	0.6	0.5	1.3	8	7
Q29175	PIG Zinc transporter SLC39A7 (Fragments)	SLC39A7	-1.2	0.0	-0.2	0.2	-0.7	0.0	-0.4	0.8	1	2
I3LSP1	PIG Methionine aminopeptidase 2	METAP2	-0.9	-0.9	0.0	0.7	0.0	-1.1	-0.2	1.3	1	1
F1RHG1	PIG Clustered mitochondria protein homolog	CLUH	0.0	-0.6	-0.5	-0.1	0.8	0.1	0.0	-0.7	2	8
F1SGV7	PIG Uncharacterized protein	TTC3	0.0	-0.1	-0.5	-0.5	-1.1	-1.8	-1.7	0.0	1	1
I3LFQ0	PIG Uncharacterized protein	HNRNPH3	-0.4	-0.5	-0.4	0.1	0.0	0.9	-0.1	-0.2	3	3
Q4G0P3	HUMAN Hydrocephalus-inducing protein homolog	HYDIN	-0.1	-0.5	-0.3	-0.3	-3.8	-4.2	-1.9	-0.5	1	1
I3L9B6	PIG PDZ and LIM domain protein 3	PDLIM3	-0.4	-0.6	-0.3	0.1	0.1	-0.2	0.2	-0.4	1	1
I3LT97	PIG Uncharacterized protein	LOC100627253	-1.1	-0.9	0.2	0.5	-0.5	0.3	0.6	0.6	2	1
B8Q0B3	PIG Popeye domain containing protein 2 variant 1	NA	0.5	0.0	-0.6	-1.0	0.3	0.4	-0.3	-0.5	3	3
Q13126	HUMAN S-methyl-5'-thioadenosine phosphorylase	MTAP	0.4	-0.5	-0.6	-0.5	-1.4	-2.1	-1.4	-3.5	1	1
F1RW03	PIG Uncharacterized protein	MRPL38	-0.1	-0.3	-0.3	-0.5	0.4	0.7	0.1	0.3	1	1
P58546	HUMAN Myotrophin	MTPN	-1.2	-0.5	0.1	0.5	0.8	0.1	-0.7	0.2	1	1
Q7Z3B3	HUMAN KAT8 regulatory NSL complex subunit 1	KANSL1	0.2	0.0	-0.4	-1.1	1.5	1.9	1.0	0.6	1	1
F1STC7	PIG Uncharacterized protein (Fragment)	CNNM3	-2.2	-0.7	0.8	1.0	-0.5	-0.9	-0.5	-0.4	1	1
A6N8P5	PIG Multiprotein bridging factor 1	MBF1	-0.9	-0.6	0.1	0.3	0.2	0.2	-1.3	0.6	1	1
F1SGG6	PIG Uncharacterized protein (Fragment)	KRT5	-0.4	-0.2	-0.1	-0.4	-1.2	-1.9	-2.7	6.2	1	1
F1RFC8	PIG Uncharacterized protein	MTFP1	0.5	0.3	-0.7	-1.3	1.2	1.3	0.0	-0.4	4	2
F1RLK1	PIG Olfactory receptor	LOC100517239	-0.3	-0.7	-0.3	0.2	-0.9	-0.8	0.0	-0.1	1	1

A2SZV5	PIG Tax1 binding protein 3 (Fragment)
F1SDJ8	PIG Uncharacterized protein
Q13683	HUMAN Integrin alpha-7
F1RR89	PIG Uncharacterized protein (Fragment)
F1SU06	PIG Uncharacterized protein
F1SHR2	PIG Uncharacterized protein
Q15149	HUMAN Plectin
F1RVA3	PIG Uncharacterized protein (Fragment)
F1S441	PIG Uncharacterized protein
I3LC11	PIG Uncharacterized protein
Q6XGY2	PIG 2,4-dienoyl-CoA reductase (Fragment)
Q29236	PIG T-complex protein 1 subunit zeta (Fragment)
Q96A33	HUMAN Coiled-coil domain-containing protein 47
P68366	HUMAN Tubulin alpha-4A chain
F1SBY5	PIG Uncharacterized protein (Fragment)
Q15404	HUMAN Ras suppressor protein 1
F1RY11	PIG Uncharacterized protein
Q8WXB1	HUMAN Protein N-lysine methyltransferase METTL21A
I3LAQ1	PIG Histone H2B
I3LRE5	PIG Uncharacterized protein
A6YNL5	PIG Calpain 2
Q8NHU6	HUMAN Tudor domain-containing protein 7
F1SBU5	PIG tRNA-dihydrouridine(47) synthase [NAD(P)(+)]
D5KJ12	PIG High mobility group AT-hook protein 1
Q29323	PIG Ribosomal protein S5 (Fragment)
I3LG34	PIG Uncharacterized protein
F1SA50	PIG Uncharacterized protein (Fragment)
F1S8S4	PIG Uncharacterized protein (Fragment)
F1SP46	PIG Uncharacterized protein
Q2TAL5	HUMAN Smoothelin-like protein 2
I3LS35	PIG Uncharacterized protein (Fragment)
I3LGF7	PIG Uncharacterized protein (Fragment)
A5GHK3	PIG Prefoldin 4
F1RGJ2	PIG Uncharacterized protein
F1RPK1	PIG Uncharacterized protein
I3L621	PIG Uncharacterized protein (Fragment)
P06348	PIG Histone H1t
Q6RJV7	HUMAN Alpha-1,4-galactosyltransferase
Q29187	PIG 60S ribosomal protein L4 (Fragment)
I3LM66	PIG Uncharacterized protein

NA	-0.2	-0.6	-0.4	0.0	-0.5	-0.4	-0.5	-1.4	3	3
GLRX3	-1.0	-0.2	0.1	0.0	-0.7	-0.7	0.2	-0.8	4	3
ITGA7	-0.3	-0.6	-0.2	-0.1	-0.8	-0.9	-0.6	-0.7	5	5
RARS	-0.8	-0.8	0.0	0.5	0.5	1.1	1.5	0.8	6	2
HP1BP3	-0.5	-0.1	-0.4	-0.2	-0.9	0.1	0.6	0.7	9	9
BCL2L13	0.3	-0.4	-0.6	-0.6	1.3	1.0	0.3	0.4	4	5
PLEC	-0.8	-0.9	0.1	0.4	-0.9	-1.5	-1.3	-0.4	18	19
LOC100623668	-0.3	0.0	-0.5	-0.4	-0.4	0.1	-0.4	0.2	5	6
CANX	-1.5	-0.4	0.2	0.6	-1.4	-0.7	-0.6	0.9	21	22
TRIP6	-0.4	-0.8	-0.4	0.4	-0.2	0.2	0.1	-0.2	1	1
DECR	0.4	-0.3	-0.6	-0.7	0.3	0.4	-1.2	-0.2	1	1
CCT6	-0.8	-0.2	0.0	-0.2	0.2	0.0	0.2	-0.1	2	1
CCDC47	-0.9	-0.3	-0.1	0.1	-0.8	-0.6	-0.9	0.1	1	1
TUBA4A	0.1	0.2	-0.4	-1.0	1.2	0.3	-2.9	-1.9	2	2
MLLT4	-0.6	-0.7	-0.5	0.6	-1.4	1.6	-1.5	0.4	2	3
RSU1	-0.6	-0.8	-0.3	0.5	-1.0	-0.2	-0.2	0.1	2	3
CCDC93	0.1	-0.1	-0.6	-0.6	0.9	2.0	-0.8	-0.6	2	2
METTL21A	-0.5	-0.6	0.1	-0.2	-1.4	-1.6	-0.5	-0.4	1	1
HIST2H2BF	-1.8	-1.1	0.3	1.5	-2.2	-0.5	0.8	0.3	2	2
NA	0.1	-0.7	-0.3	-0.2	0.5	1.0	-1.5	-0.8	1	1
Capn2	-0.5	-0.7	-0.3	0.3	-1.2	-0.6	-0.2	0.8	7	7
TDRD7	0.2	-0.1	-0.6	-0.7	-0.4	-0.7	-0.5	-0.3	1	1
LOC100513458	0.6	-0.3	-0.8	-0.7	0.1	-0.4	0.2	1.0	1	1
HMGAI	-0.5	-0.2	-0.3	-0.1	0.6	0.5	0.8	2.5	1	1
NA	-1.1	-1.1	0.2	0.7	-0.2	-0.1	1.1	0.1	1	1
RB1CC1	-0.2	-0.7	-0.4	0.1	0.2	0.0	-1.1	-2.0	1	1
HNRNPM	-0.7	-0.9	0.0	0.4	0.1	0.7	0.6	0.4	25	16
ENAH	-1.7	-1.0	0.3	1.2	-0.1	0.4	2.2	1.4	3	1
NA	-1.2	-1.1	0.1	0.9	-0.8	-0.8	0.0	0.1	6	6
SMTNL2	-0.3	-0.5	-0.5	0.0	-0.7	-0.6	-0.8	0.0	1	1
LPCAT3	-0.2	-0.2	-0.4	-0.5	1.1	0.2	0.0	0.4	1	1
LOC100525988	0.6	-0.6	-0.7	-0.6	0.3	-0.3	-0.2	1.3	3	3
PFDN4	0.2	-0.3	-0.7	-0.6	1.0	-0.2	-1.8	-0.2	3	2
CTNNA1	-0.5	-0.8	-0.1	0.2	0.1	0.5	0.4	1.5	20	20
LOC100738677	0.4	0.1	-0.8	-0.9	0.4	1.6	1.3	3.6	1	1
AGAP3	-0.1	0.1	-0.5	-0.7	-1.2	-0.5	0.1	1.1	1	1
HIST1H1T	-1.6	-0.4	0.0	0.7	-0.9	0.0	1.3	3.1	3	4
A4GALT	-0.5	-0.6	-0.2	0.1	-1.4	-0.5	-0.5	-0.2	1	1
RPL4	-2.2	-1.5	0.3	2.1	-2.1	-1.9	-1.3	1.5	1	1
PPA2	-0.2	-0.3	-0.4	-0.4	-0.1	-1.0	0.5	-0.8	2	3

F1RK32	PIG Uncharacterized protein (Fragment)
P56975	HUMAN Pro-neuregulin-3, membrane-bound isoform
F1RGX2	PIG Uncharacterized protein
I3LGC3	PIG Uncharacterized protein (Fragment)
P98160	HUMAN Basement membrane-specific heparan sulfate proteoglycan core protein
I3LTA9	PIG Uncharacterized protein
F1SKK1	PIG Uncharacterized protein
HOYIC4	HUMAN Citrate synthase (Fragment)
I3LJU7	PIG Uncharacterized protein
F1SJG9	PIG Uncharacterized protein
Q07955	HUMAN Serine/arginine-rich splicing factor 1
I3LQO8	PIG Uncharacterized protein
I3L6A4	PIG Uncharacterized protein
F1RZA8	PIG Uncharacterized protein
I3L693	PIG Uncharacterized protein
F1RZH8	PIG Uncharacterized protein
F1RG17	PIG Nucleoside diphosphate kinase
F1S526	PIG Uncharacterized protein
Q7LBR1	HUMAN Charged multivesicular body protein 1b
F1RIR2	PIG Uncharacterized protein
Q9NTG7	HUMAN NAD-dependent protein deacetylase sirtuin-3, mitochondrial
F1RX93	PIG Uncharacterized protein
I3LD43	PIG Uncharacterized protein
F1S5K0	PIG Uncharacterized protein
Q96T21	HUMAN Selenocysteine insertion sequence-binding protein 2
F1RVA1	PIG Uncharacterized protein
I3L687	PIG Uncharacterized protein
F1SUU2	PIG Uncharacterized protein
F1RZ02	PIG Uncharacterized protein (Fragment)
P50667	PIG Cytochrome c oxidase subunit 2
Q29068	PIG T-complex protein 1 subunit gamma (Fragment)
F1RW43	PIG Uncharacterized protein
I3LD01	PIG Uncharacterized protein
F1RN91	PIG Uncharacterized protein (Fragment)
I3L675	PIG Uncharacterized protein (Fragment)
Q5TEC6	HUMAN Histone H3
Q29558	PIG NADP-dependent malic enzyme (Fragment)
F1S9B7	PIG Uncharacterized protein
Q8WUF5	HUMAN RelA-associated inhibitor
A8D737	PIG T-cadherin

CCDC70	-0.3	0.5	-1.1	-0.4	0.8	0.5	4.4	1.6	1	1
NRG3	-0.5	-0.9	0.3	-0.1	0.4	1.6	1.5	0.8	1	1
LOC100738032	0.5	-0.1	-0.7	-1.0	0.4	0.0	-0.4	-0.1	1	1
HAGH	0.1	-0.2	-0.4	-0.8	1.6	1.1	0.5	-1.1	3	2
HSPG2	-0.6	-0.7	-0.3	0.2	-1.0	-2.1	-1.7	-1.1	12	7
LOC100739628	-0.8	-0.7	0.0	0.1	0.5	0.7	0.1	0.3	1	1
SLC25A20	0.1	0.0	-0.8	-0.7	-0.6	-0.3	1.1	2.4	4	6
CS	0.3	0.6	-0.6	-1.6	-0.9	-0.5	-0.5	0.9	1	1
HSPB7	-1.3	-0.3	0.2	0.2	1.1	0.5	0.2	-0.7	5	6
LOC100152831	0.6	-0.4	-0.6	-0.9	-1.5	-1.8	-1.7	-0.5	1	2
SRSF1	-0.5	-0.6	-0.2	-0.1	0.4	-0.1	-0.9	0.2	6	3
CSF3R	0.2	-0.3	-0.6	-0.6	-0.2	-0.2	-0.3	0.4	1	1
NA	-0.3	-0.6	-0.6	0.2	0.3	0.2	1.0	-0.2	1	2
LOC100525071	-0.2	-0.4	-0.4	-0.4	-0.1	0.8	1.8	2.2	1	1
HNRNPR	-1.7	-0.4	0.3	0.6	-1.5	-0.1	0.8	0.1	1	2
KIAA1715	0.1	-0.9	-0.5	0.0	1.7	-0.2	-0.3	0.7	1	4
NME3	-0.1	-0.6	-0.4	-0.2	0.3	0.1	-0.2	-0.5	2	2
LOC100739177	0.1	-0.8	-0.4	-0.3	-0.4	-0.5	0.1	-0.1	2	1
CHMP1B	-1.0	-0.5	-0.1	0.3	-0.5	-0.5	0.5	1.3	1	1
STX4	-0.8	-0.2	-0.2	-0.1	-0.8	-0.6	0.2	-0.6	2	1
SIRT3	-0.6	-0.6	-0.1	-0.1	-0.1	0.0	0.8	0.6	1	1
MIEN1	-0.9	-1.1	-0.1	0.9	-0.1	-0.3	0.0	0.1	2	1
LOC100627689	-0.8	-0.4	-0.3	0.2	0.1	0.4	2.0	1.1	12	11
LOC100511191	-0.3	-0.9	-0.2	0.1	-0.3	0.4	-0.5	0.3	1	1
SECISBP2	0.3	0.2	-0.7	-1.1	-0.1	-0.8	-1.5	-1.1	1	1
EEF1E1	0.2	-0.6	-0.5	-0.5	0.2	0.0	-0.8	-1.5	1	1
HNRNPH2	-1.1	-0.9	0.1	0.5	0.4	1.3	0.5	0.1	5	2
SLC25A34	-2.1	-1.6	0.5	1.9	0.2	-0.2	-1.3	-0.4	1	1
AP2A2	0.0	-0.6	-0.5	-0.3	-0.1	-0.2	-0.5	-0.3	3	1
MT-CO2	0.4	0.6	-0.9	-1.4	-1.0	-1.0	-1.7	-0.5	11	10
CCT3	-0.5	-0.8	-0.4	0.2	-0.3	-0.4	0.2	1.0	2	2
PLP2	-0.7	-0.6	-0.4	0.3	-0.9	-1.7	-0.4	0.6	1	1
FIS1	-0.1	-0.3	-0.5	-0.4	-1.0	-1.1	-1.3	-0.8	3	5
NA	-0.5	-0.3	-0.4	-0.1	-0.6	-0.6	-0.5	0.2	2	9
MYH15	0.9	-0.5	-0.8	-1.0	0.7	0.4	0.3	1.1	2	2
HIST2H3PS2	-0.9	-0.1	-0.7	0.4	-2.0	-1.3	-0.4	1.1	1	1
ME1	0.0	-0.4	-0.7	-0.3	-0.4	-0.4	0.1	0.4	1	1
MRPL52	0.3	-0.3	-0.7	-0.7	0.6	0.1	1.1	0.9	1	1
PPP1R13L	0.9	-0.7	-0.8	-0.8	2.1	1.2	-1.9	-1.3	2	1
NA	-0.3	0.2	-0.6	-0.7	0.7	0.4	0.2	0.4	13	8

F157J6	PIG Uncharacterized protein
F15MW0	PIG Uncharacterized protein (Fragment)
Q9TUP1	PIG HnRNP A2/B1 protein (Fragment)
I3LM03	PIG Carbonyl reductase [NADPH] 1
I3L7R0	PIG Uncharacterized protein
F1SIC0	PIG Uncharacterized protein
P10632	HUMAN Cytochrome P450 2C8
Q13554	HUMAN Calcium/calmodulin-dependent protein kinase type II subunit beta
F1S031	PIG Uncharacterized protein
P62745	HUMAN Rho-related GTP-binding protein RhoB
A0PFK7	PIG F-actin-capping protein subunit beta
F1RPJ8	PIG Uncharacterized protein
F1RMV5	PIG Uncharacterized protein (Fragment)
A4D2F6	HUMAN Similar to Splicing factor, arginine/serine-rich, 46kD
F1SPR6	PIG Uncharacterized protein
F1RYZ1	PIG Uncharacterized protein
K9IVQ6	PIG Plectin (Fragment)
A5GFU0	PIG GNAS complex locus
P13533	HUMAN Myosin-6
F1SG97	PIG Uncharacterized protein (Fragment)
Q8TCU6	HUMAN Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein
I3L9C8	PIG Uncharacterized protein
F1RWD9	PIG Uncharacterized protein
K9IVP8	PIG Obg-like ATPase 1 isoform 2
Q14525	HUMAN Keratin, type I cuticular Ha3-II
I3LLU8	PIG Uncharacterized protein
Q86TM3	HUMAN Probable ATP-dependent RNA helicase DDX53
F1S0C1	PIG Uncharacterized protein
I3LPH5	PIG Uncharacterized protein
P12532	HUMAN Creatine kinase U-type, mitochondrial
P0C221	HUMAN Coiled-coil domain-containing protein 175
M3VHA5	PIG SEC16-like A
F1SCX7	PIG Uncharacterized protein
Q9HC98	HUMAN Serine/threonine-protein kinase Nek6
Q52NJ3	PIG GTP-binding protein SAR1a
F1RGI7	PIG Uncharacterized protein
F1RWJ6	PIG Uncharacterized protein
F1S5M9	PIG Uncharacterized protein
Q6PJ56	HUMAN TRA@ protein
I3LN66	PIG Uncharacterized protein (Fragment)

SAFB	-0.9	-0.8	-0.1	0.5	-1.4	0.2	0.0	1.2	5	4
ZCCHC2	-0.8	-0.1	-0.4	-0.1	-0.5	-0.6	1.1	0.9	1	1
HNRNPA2/B1	-0.3	-0.6	-0.4	-0.1	-0.1	0.0	-0.9	-1.0	1	1
CBR1	0.2	-0.3	-0.7	-0.6	-0.4	0.4	-0.9	-0.5	3	2
EHD3	-0.4	-0.4	-0.3	-0.3	0.4	0.2	0.8	1.1	7	5
PACSN3	0.2	-0.5	-0.5	-0.6	0.2	0.2	-0.2	0.3	1	1
CYP2C8	-0.3	-0.6	-0.3	-0.3	-1.1	0.0	0.2	0.4	1	1
CAMK2B	0.1	-0.5	-0.2	-0.7	-0.7	0.3	0.1	-0.5	2	3
NDUFS6	0.3	0.7	-0.9	-1.5	1.7	1.0	-1.3	0.0	6	6
RHOB	-0.1	-0.5	-0.6	-0.3	-0.8	-1.2	-0.3	-0.5	1	1
CAPZB	-0.3	-0.9	-0.2	0.0	-0.7	-0.9	-0.6	-0.9	11	5
ABCB7	-0.3	-0.6	-0.6	0.0	1.0	0.6	0.4	-0.7	2	4
ETHE1	-0.2	-0.5	-0.4	-0.3	-0.4	0.1	1.4	1.6	1	1
LOC392896	-0.1	-0.7	-0.4	-0.3	0.0	1.0	1.1	0.9	1	1
RNF123	-0.7	-0.3	-0.1	-0.3	-0.8	-0.2	0.3	0.9	5	4
CD151	-1.4	-0.5	-0.1	0.5	-1.0	-0.2	0.7	0.3	1	3
PLEC	-0.8	-0.9	0.0	0.3	-0.8	-1.3	-1.1	-0.1	187	201
GNAS	-0.2	-0.4	-0.4	-0.4	0.8	1.5	0.6	0.2	3	3
MYH6	1.2	-0.8	-0.7	-1.2	1.9	0.9	-1.6	1.2	10	9
KLHL42	-0.1	-1.0	0.8	-1.2	0.1	0.4	0.0	-1.9	1	1
PREX1	-0.3	-0.1	-0.1	-1.0	-0.3	-0.3	-0.8	-1.5	1	1
ILK	-0.4	-0.7	-0.3	0.0	-0.2	0.0	-0.2	-0.8	14	12
SVIL	-0.4	-0.8	-0.3	0.0	-0.4	-0.3	-0.5	0.4	8	11
OLA1	-0.9	-0.8	0.0	0.2	-0.1	-0.3	0.0	-0.3	7	5
KRT33B	0.3	0.1	-0.9	-1.0	-0.4	-1.5	-2.5	-1.5	1	1
SBK2	-0.2	-0.6	-0.4	-0.3	-0.5	-0.2	-0.4	0.1	1	1
DDX53	-0.5	-0.3	-0.1	-0.6	-1.3	-1.4	-0.6	-0.1	1	1
ADH5	-0.2	-0.8	-0.5	0.0	-1.1	-1.0	-0.3	-0.5	6	7
G3BP2	-0.8	-0.8	0.1	0.0	0.2	1.9	0.7	1.3	3	1
CKMT1A	0.3	-0.4	-0.7	-0.7	0.5	-0.1	-0.6	-0.8	2	2
CCDC175	-0.3	-0.2	-0.5	-0.5	-1.9	-2.8	-1.9	-2.4	1	1
SEC16A	-0.3	-0.2	-0.5	-0.5	0.3	0.5	0.9	1.1	1	1
KIF20B	-0.1	-0.1	-0.3	-0.9	2.2	1.7	1.1	-0.3	1	1
NEK6	-0.8	-0.4	0.3	-0.5	-0.8	0.8	5.9	0.2	1	1
SAR1A	-1.0	-0.9	0.0	0.5	-1.1	-0.8	-1.0	-1.0	6	5
MATR3	-0.8	-0.6	-0.1	0.1	-0.6	0.5	0.4	0.6	13	10
LOC414413	-0.3	-0.7	-0.3	-0.1	-0.3	-0.2	-0.3	0.9	14	10
ADD3	0.1	-0.7	-0.7	-0.2	0.1	0.4	-0.3	-0.2	6	6
TRA@	0.4	-0.3	-0.6	-1.1	0.1	-0.2	0.5	-0.4	1	1
NRBF2	0.3	-0.1	-0.7	-0.9	-0.9	-1.1	-0.6	0.3	2	1

F1RWY7	PIG Uncharacterized protein
F1SNX8	PIG Uncharacterized protein
F1SHF6	PIG Uncharacterized protein
P05383	PIG cAMP-dependent protein kinase catalytic subunit beta
Q5UES3	PIG Heat shock 60 kDa protein 1 (Fragment)
Q9BQC3	HUMAN Diphthamide biosynthesis protein 2
K7GPE1	PIG Aurora kinase B (Fragment)
F1S8K5	PIG Uncharacterized protein
I3LFV4	PIG Uncharacterized protein
F1SF12	PIG Uncharacterized protein (Fragment)
D2D0E0	PIG Choline/ethanolamine kinase
F1STU9	PIG Uncharacterized protein (Fragment)
F1S2A8	PIG Uncharacterized protein
P04350	HUMAN Tubulin beta-4A chain
F1SUS1	PIG Uncharacterized protein
F1S6Z6	PIG Uncharacterized protein
F1RZL4	PIG Uncharacterized protein
P62857	HUMAN 40S ribosomal protein S28
F1SN95	PIG Uncharacterized protein
F1SI50	PIG Uncharacterized protein
F1S2K3	PIG Uncharacterized protein
O95671	HUMAN N-acetylserotonin O-methyltransferase-like protein
F1S5F4	PIG Uncharacterized protein
Q8NBN7	HUMAN Retinol dehydrogenase 13
I3LNG8	PIG Uncharacterized protein
F1RUJ0	PIG Adenylyl cyclase-associated protein (Fragment)
I3LCX2	PIG Uncharacterized protein (Fragment)
Q8NDB2	HUMAN B-cell scaffold protein with ankyrin repeats
F1SUR6	PIG Uncharacterized protein
P04175	PIG NADPH--cytochrome P450 reductase
A5GFN8	PIG RNA-binding region (RNP1, RRM) containing 1
Q6UN15	HUMAN Pre-mRNA 3'-end-processing factor FIP1
I3LQU8	PIG Uncharacterized protein
F1S1A8	PIG Uncharacterized protein
F1RHN4	PIG Uncharacterized protein
F1SSL6	PIG Proteasome subunit alpha type
M3V839	PIG Mitogen-activated protein kinase 3
K9IW88	PIG Methionine aminopeptidase 2
L8E8Q4	HUMAN Alternative protein FAM178A
Q9ULZ3	HUMAN Apoptosis-associated speck-like protein containing a CARD

BPHL	0.3	-0.5	-0.8	-0.5	1.4	1.4	1.5	0.5	4	4
SUN2	-0.6	-0.5	-0.3	-0.2	0.2	0.5	-0.5	0.3	7	12
HECTD1	-0.1	-0.1	-0.8	-0.5	-0.6	0.4	-0.1	0.9	2	4
PRKACB	-0.1	-0.7	-0.5	-0.3	-0.2	-1.2	-0.1	-0.4	6	3
NA	0.4	0.3	-1.0	-1.1	0.8	0.8	-0.4	-1.5	5	4
DPH2	-0.3	-0.5	-0.3	-0.4	-0.7	-0.5	-0.3	0.8	1	1
AIM1	1.0	-0.3	-1.2	-1.0	-0.2	-0.3	-0.6	-1.5	1	1
SUPT16H	-0.1	-0.9	-0.3	-0.2	-1.5	-1.4	-0.9	-1.7	2	1
YBX1	-1.8	-1.8	0.6	1.6	1.2	2.2	1.3	4.2	7	7
COBL	-0.3	-0.3	-0.5	-0.4	2.4	0.1	-1.0	2.2	2	3
CHKB	-0.7	-0.1	-0.2	-0.5	0.1	0.4	0.7	0.8	2	2
PCF11	-0.1	-0.5	-0.6	-0.4	-1.2	-1.3	-1.0	0.0	1	1
BCAP31	-1.2	-0.8	0.0	0.5	-0.2	-0.5	-0.1	1.7	13	12
TUBB4A	-0.3	-0.6	-0.4	-0.2	0.3	0.4	-0.3	-0.9	2	2
CROCC	-0.2	-0.1	-0.5	-0.8	-2.2	-2.5	-1.5	-2.1	4	3
TXLNB	-0.1	-1.1	-0.5	0.2	0.7	-1.2	0.2	-0.8	5	1
ADAM-9	0.8	0.3	-1.8	-0.9	-0.8	-1.0	2.3	1.5	1	1
RPS28	-0.5	-0.9	-0.2	0.0	0.6	0.6	0.8	0.9	2	1
NUP155	-1.0	-0.6	-0.2	0.2	0.2	0.2	1.0	0.2	2	1
NDUFB3	0.0	0.4	-0.7	-1.3	-0.4	-0.5	-0.4	-0.1	3	2
LOC100520245	-0.6	-0.3	-0.4	-0.3	0.6	1.3	1.2	-1.3	3	2
ASMTL	-0.4	-0.4	-0.5	-0.3	0.4	0.2	0.1	0.2	1	1
NEK7	-0.5	-0.8	-0.2	-0.1	0.2	0.3	0.0	0.1	2	2
RDH13	-0.7	-0.7	-0.1	-0.1	-0.1	-0.2	-0.2	0.3	2	2
LOC100623923	-0.7	-0.9	-0.2	0.3	0.7	0.7	1.7	0.5	13	13
CAP2	-0.2	-0.4	-0.2	-0.7	-0.6	0.2	-0.5	0.3	3	4
NA	-1.3	-0.8	-0.2	0.8	0.1	0.7	0.7	-0.3	11	7
BANK1	0.5	-0.1	-0.7	-1.2	1.6	3.1	0.0	0.8	1	1
C2CD3	-0.4	-0.1	-0.6	-0.5	0.3	0.0	0.4	0.1	1	1
POR	-0.9	-0.1	-0.4	-0.1	-0.9	-1.0	-1.3	-1.3	4	1
RNPC1	-0.1	-0.8	-0.6	-0.1	0.3	-0.3	0.2	0.0	1	1
FIP1L1	-0.6	-1.2	-0.1	0.4	-0.7	0.4	0.9	3.6	1	1
NA	-0.3	-0.2	-0.7	-0.4	-0.6	-0.9	-1.0	-0.6	3	4
NDUFS2	0.6	0.1	-0.9	-1.4	0.4	0.0	-1.2	-1.4	16	17
TXNRD2	-0.4	-0.2	-0.4	-0.5	-0.4	0.0	-1.4	-1.5	2	3
LOC100154408	-0.5	-0.5	-0.3	-0.2	1.0	0.3	1.6	-0.4	11	7
MAPK3	-0.2	-0.9	-0.6	0.2	1.0	0.1	-0.7	0.0	3	1
METAP2	-1.2	-1.0	0.0	0.7	1.0	-0.4	0.4	2.1	3	1
FAM178A	-0.4	0.0	-0.6	-0.6	0.2	0.3	1.0	-0.1	1	1
PYCARD	-0.3	-0.1	-0.4	-0.8	-1.5	-0.9	-0.7	-0.5	1	1

Q9NQG5	HUMAN Regulation of nuclear pre-mRNA domain-containing protein 1B	RPRD1B	-0.1	-0.1	-0.6	-0.8	-3.2	-2.0	-2.4	0.0	2	1
F1SC98	PIG Uncharacterized protein (Fragment)	IDE	-0.5	-0.5	-0.5	-0.1	-0.1	1.6	0.3	0.3	4	2
F1SJ04	PIG Uncharacterized protein (Fragment)	LOC100515478	-0.1	0.1	-0.5	-1.1	4.6	2.1	-1.2	-0.7	6	1
F2Z521	PIG Platelet-activating factor acetylhydrolase IB subunit alpha	PAFAH1B1	-0.4	-0.7	-0.4	-0.1	0.5	-0.2	0.4	0.1	6	3
P54612	PIG Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	PPP2R1A	-0.4	-0.9	-0.3	0.0	0.0	0.1	-0.8	-0.4	17	15
Q865U8	PIG Ankyrin repeat domain-containing protein 1	ANKRD1	-0.7	0.0	-0.4	-0.5	-0.4	-0.2	-0.8	-2.1	11	10
F1RGP8	PIG Uncharacterized protein (Fragment)	PBXIP1	-0.7	-0.3	-0.3	-0.3	0.1	0.1	-0.4	-1.0	5	5
I3LJQ8	PIG Uncharacterized protein (Fragment)	NA	-1.4	-1.0	-0.2	1.0	-2.3	-1.8	-1.5	-0.9	2	3
I3LCI0	PIG Uncharacterized protein	NA	-0.5	0.1	-0.3	-0.8	-0.5	-0.4	1.0	0.9	3	2
F1RGY4	PIG Uncharacterized protein	LYST	-0.5	-0.8	0.0	-0.3	-0.2	0.6	1.4	0.1	1	2
O02854	PIG Glycerol-3-phosphate dehydrogenase (Fragment)	mGPD	0.1	-0.3	-0.7	-0.7	-0.2	0.2	-1.0	-0.9	4	4
A7XXV9	PIG Sirtuin 5	NA	0.4	-0.3	-0.9	-0.8	0.2	-0.3	-0.6	-1.1	4	6
F1SSX9	PIG Uncharacterized protein	SEMA6C	0.1	-0.4	-0.6	-0.7	-0.6	-0.8	-0.6	-0.4	1	1
I3LC00	PIG Uncharacterized protein	LOC100524144	-1.5	-1.2	0.2	0.9	-0.5	-0.6	-1.0	-0.6	4	3
K9IVU3	PIG AP-1 complex subunit gamma-1	AP1G1	-0.6	-0.5	-0.6	0.0	-1.6	-1.0	-0.8	-0.5	1	1
F1SM98	PIG Uncharacterized protein	NDUFV2	0.4	0.4	-0.9	-1.6	1.2	0.8	-0.2	-1.8	13	12
A9CQL8	PIG Prostamide/prostaglandin F synthase	FAM213B	-0.4	-0.5	-0.4	-0.3	-0.1	1.0	0.2	0.4	1	1
F1SI13	PIG Peptidyl-prolyl cis-trans isomerase (Fragment)	FKBP3	-0.9	-0.5	-0.2	-0.1	0.3	0.9	-0.1	-0.8	5	5
F1S9W6	PIG Uncharacterized protein (Fragment)	EPS15L1	-0.4	-1.3	-0.4	0.5	0.7	1.4	0.8	1.5	2	1
I3L751	PIG Uncharacterized protein	REXO4	-0.2	0.2	-0.9	-0.8	-1.1	-1.0	0.0	0.0	1	1
F1SLU8	PIG Uncharacterized protein	GNB3	-0.8	-1.2	0.0	0.3	-1.4	-0.8	-0.6	0.4	2	1
Q4QTK1	PIG Programmed death ligand 1	PDL1	-0.8	-0.3	-0.3	-0.2	-1.1	-0.8	-0.9	-0.5	1	1
P80895	PIG Protein-L-isoaspartate(D-aspartate) O-methyltransferase	PCMT1	-0.2	-0.5	-0.5	-0.5	0.4	0.1	-0.1	-1.0	10	10
P18077	HUMAN 60S ribosomal protein L35a	RPL35A	-1.0	-1.4	0.0	0.7	-0.4	-0.6	-0.8	0.1	4	4
F1RS49	PIG Uncharacterized protein	ABCE1	-0.6	-0.9	-0.4	0.2	2.4	2.1	0.2	0.0	9	3
P23687	PIG Prolyl endopeptidase	PREP	-0.3	-0.8	-0.5	0.0	-0.4	-0.2	-0.9	-0.9	10	11
F1S3X5	PIG Uncharacterized protein (Fragment)	NA	-0.9	-0.7	-0.2	0.1	-0.6	0.0	0.1	-0.4	1	1
P61026	HUMAN Ras-related protein Rab-10	RAB10	-0.6	-1.0	-0.4	0.3	-1.0	-0.4	0.5	2.2	4	3
I3LA48	PIG Transcription elongation factor SPT5	SUPT5H	-0.2	-0.3	-0.6	-0.7	1.0	0.7	0.1	-1.8	2	1
F1RM03	PIG Uncharacterized protein	SAE1	-0.4	-0.3	-0.5	-0.4	-1.6	-2.1	-4.6	-4.1	1	1
F1S2Q5	PIG Uncharacterized protein	ZC2HC1C	-0.3	-0.1	-0.8	-0.5	-0.2	-0.6	-0.6	0.1	1	1
P29797	PIG Guanine nucleotide-binding protein G(s) subunit alpha	GNAS	-0.7	-0.6	-0.4	-0.1	-0.5	0.4	0.3	0.2	5	6
F1SJU4	PIG Uncharacterized protein (Fragment)	PARVB	-0.6	-0.6	-0.3	-0.3	0.9	1.2	1.3	-0.1	3	2
P79382	PIG Microsomal glutathione S-transferase 1	MGST1	0.0	-0.7	-0.6	-0.4	-0.1	0.7	-0.4	-0.6	1	1
K9J457	PIG Kinesin-1 heavy chain	KIF5B	-0.8	-1.1	-0.4	0.6	-1.7	-1.5	-1.4	0.6	1	2
F1S663	PIG Uncharacterized protein	LAMC1	-0.5	-0.6	-0.5	-0.2	-0.7	-1.2	-1.0	-0.2	30	31
P62070	HUMAN Ras-related protein R-Ras2	RRAS2	-0.5	0.1	-0.5	-0.8	0.0	1.0	0.6	2.3	1	1
F1SMN5	PIG Uncharacterized protein	FLNC	-1.6	-1.0	0.4	0.4	-1.1	-0.5	0.5	0.5	119	117
I3LB94	PIG Uncharacterized protein	DTNA	0.3	-0.4	-0.6	-1.1	0.6	0.9	0.2	-0.2	1	3
I3LLW3	PIG Uncharacterized protein	NA	0.3	-0.2	-0.6	-1.2	-0.9	-0.7	-1.5	-0.9	6	10

K7GL60	PIG Uncharacterized protein
F1RWF5	PIG Uncharacterized protein
F1SV06	PIG Uncharacterized protein
F1SB57	PIG Uncharacterized protein
A1XQS7	PIG MCEE
F1S146	PIG Uncharacterized protein
I3L973	PIG Uncharacterized protein (Fragment)
K7GNM9	PIG Uncharacterized protein
Q96RW7	HUMAN Hemocentin-1
I3LKT2	PIG Uncharacterized protein
I3LI48	PIG Uncharacterized protein (Fragment)
I3LDK5	PIG Uncharacterized protein
Q92614	HUMAN Unconventional myosin-XVIIIa
F1RWL7	PIG Uncharacterized protein
F1SI09	PIG Uncharacterized protein
P62826	HUMAN GTP-binding nuclear protein Ran
K9IVR7	PIG WD repeat-containing protein 1
Q9UI43	HUMAN Putative ribosomal RNA methyltransferase 2
F1S4P6	PIG Eukaryotic translation initiation factor 3 subunit A
I3L990	PIG Uncharacterized protein (Fragment)
Q9P0L0	HUMAN Vesicle-associated membrane protein-associated protein A
P17741	PIG High mobility group protein B2
F1SAF6	PIG Ubiquitin carboxyl-terminal hydrolase
I3LT85	PIG Uncharacterized protein
F1RP22	PIG Uncharacterized protein
F1RN06	PIG Tyrosine-protein kinase transmembrane receptor (Fragment)
Q02038	PIG Neurolysin, mitochondrial
I3LKN7	PIG Uncharacterized protein
Q9H2F5	HUMAN Enhancer of polycomb homolog 1
F1SGY1	PIG Anoctamin (Fragment)
F1SA77	PIG Uncharacterized protein
C3VML1	PIG Claudin
P61981	HUMAN 14-3-3 protein gamma
B9UID6	PIG C1q and tumor necrosis factor related protein 3 isoform b
Q6QAR9	PIG Puromycin sensitive aminopeptidase (Fragment)
F1SQK1	PIG Uncharacterized protein
D7EZJ4	PIG Immunity-related GTPase family cinema protein
F1SP54	PIG Uncharacterized protein
O00429	HUMAN Dynamin-1-like protein
K7GQA9	PIG Uncharacterized protein (Fragment)

EIF1AX	-1.2	-1.0	0.1	0.4	0.6	0.6	0.9	0.4	2	1
NA	-0.1	0.3	-0.8	-1.0	-0.8	-0.3	-0.9	-0.2	12	12
PABPC4	-0.7	-1.0	-0.1	0.1	-0.2	0.2	0.2	0.1	10	12
LOC100737606	-0.6	-0.3	-0.6	-0.3	0.4	0.1	-0.6	-0.4	3	2
MCEE	0.1	0.7	-1.0	-1.6	0.7	0.5	1.2	-1.4	3	3
ANK2	-0.5	-0.5	-0.2	-0.4	-0.7	0.4	-0.3	-0.5	6	9
PARVA	-0.6	-0.7	-0.5	0.0	-0.2	-0.8	-0.8	0.2	5	3
RPL8	-1.1	-1.2	0.1	0.5	-0.9	-0.5	0.0	0.7	2	3
HMCN1	-0.4	-0.3	-0.7	-0.4	1.3	0.2	0.4	0.7	1	1
LOC100625222	-0.5	-1.1	-0.4	0.2	-1.1	-1.1	-0.6	0.7	1	2
NA	-0.3	-0.3	-0.7	-0.5	-0.8	-0.4	0.1	1.0	1	1
NA	0.1	0.6	-1.1	-1.4	-0.2	-0.3	-0.2	0.0	1	1
MYO18A	0.1	-0.5	-0.6	-0.7	-0.3	0.2	-1.2	-1.1	1	2
LOC100157053	0.4	0.1	-0.8	-1.4	-0.4	-0.3	-0.3	-0.2	7	6
PPP1R7	0.0	-0.6	-0.7	-0.4	1.3	0.9	1.3	-0.1	9	3
RAN	-1.4	-0.7	0.1	0.2	-0.6	-0.5	-0.1	0.4	3	3
WDR1	-0.8	-1.3	-0.1	0.4	-0.5	-0.8	0.1	-0.5	21	18
FTSJ2	0.1	-0.9	-0.6	-0.4	0.0	0.5	0.1	0.8	1	1
EIF3A	-1.2	-0.9	-0.1	0.4	-1.0	-0.6	0.3	0.5	23	16
NA	0.0	-0.3	-0.6	-0.9	0.6	0.7	-0.1	-1.2	3	2
VAPA	-0.5	-1.0	-0.4	0.1	-1.2	-1.4	-0.1	-0.1	2	3
HMGB2	-0.5	-0.3	-0.4	-0.5	0.3	0.9	1.3	0.8	2	4
LOC100520041	-0.4	-0.4	-0.5	-0.5	-0.2	0.3	-0.6	1.0	1	1
RCC1	0.2	-0.6	-0.7	-0.7	1.4	1.3	1.5	0.4	1	1
NA	0.0	-0.4	-1.2	-0.2	0.7	0.0	-1.0	-0.8	2	4
ROR2	0.4	-0.5	-0.9	-0.8	-0.2	0.4	-0.3	0.1	1	1
NLN	0.4	-0.4	-0.8	-1.0	0.8	1.4	0.0	0.2	1	2
ACBD3	-0.8	-0.5	-0.2	-0.3	0.9	-0.1	-0.1	0.8	2	1
EPC1	-1.8	-1.7	-0.4	2.1	-1.4	-1.9	-1.5	0.6	1	1
ANO6	-0.8	-0.9	-0.2	0.2	-1.0	0.2	-0.4	0.3	2	1
CHD2	0.6	-0.8	-0.9	-0.6	0.0	0.8	-0.6	1.0	1	1
CLDN5	-1.0	-0.3	-0.5	-0.1	-1.1	0.1	-1.3	-1.1	1	1
YWHAG	-0.9	-1.2	-0.1	0.4	-0.7	-1.0	-0.8	-1.5	8	9
C1QTNF3	-0.9	-0.6	-0.1	-0.2	0.1	-0.2	0.3	-0.5	1	1
NA	-0.5	-1.0	-0.3	0.0	-0.8	-0.3	-0.2	0.2	10	10
NA	-0.7	-0.9	-0.2	0.0	1.1	-0.5	-0.7	-0.6	18	19
IRGC	0.1	-0.3	-0.8	-0.8	0.8	0.3	-0.6	-1.0	1	1
NIPSNAP3B	0.1	-0.3	-0.6	-1.0	-0.6	-0.9	1.2	0.1	9	10
DNM1L	0.6	-0.8	-0.8	-0.8	0.1	0.2	-0.7	-0.2	2	3
GSTZ1	0.8	-0.1	-1.1	-1.4	-1.3	-1.4	-1.5	-0.6	2	5

F1SQN5	PIG Uncharacterized protein
Q9Y2U5	HUMAN Mitogen-activated protein kinase kinase kinase 2
I3LV38	PIG Uncharacterized protein (Fragment)
Q86YV0	HUMAN RAS protein activator like-3
F1S4V0	PIG Uncharacterized protein (Fragment)
F1RWX0	PIG Uncharacterized protein (Fragment)
F1RRT2	PIG Uncharacterized protein (Fragment)
P24043	HUMAN Laminin subunit alpha-2
K7GRF2	PIG Uncharacterized protein
I3LR17	PIG Uncharacterized protein
F1S0L1	PIG Uncharacterized protein
Q562W2	HUMAN Actin-like protein (Fragment)
P52815	HUMAN 39S ribosomal protein L12, mitochondrial
Q16775	HUMAN Hydroxyacylglutathione hydrolase, mitochondrial
M3VK09	PIG PHD finger protein 3
I3LS72	PIG Uncharacterized protein
F1SHC3	PIG Uncharacterized protein (Fragment)
F2Z5Q6	PIG 40S ribosomal protein S6 (Fragment)
B7Z1U0	HUMAN Metal transporter CNNM4
K9J4R8	PIG Protein S100-A13
O79874	PIG NADH-ubiquinone oxidoreductase chain 1
F1RQF6	PIG Uncharacterized protein (Fragment)
Q767M3	PIG Valine--tRNA ligase, mitochondrial
I3LIB5	PIG Uncharacterized protein
Q63HR2	HUMAN Tensin-like C1 domain-containing phosphatase
Q53HH3	HUMAN General transcription factor IIH, polypeptide 4, 52kDa variant (Fragment)
Q14195-2	HUMAN Isoform LCRMP-4 of Dihydropyrimidinase-related protein 3
F1RZC6	PIG Uncharacterized protein (Fragment)
Q16836	HUMAN Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial
F1RH94	PIG Uncharacterized protein (Fragment)
I3LEV7	PIG Uncharacterized protein
Q9UK54	HUMAN Hemoglobin beta subunit variant (Fragment)
A8MXV4	HUMAN Nucleoside diphosphate-linked moiety X motif 19, mitochondrial
F1RFX9	PIG Uncharacterized protein
Q99028	PIG Catechol O-methyltransferase (Fragment)
I3LE16	PIG Uncharacterized protein (Fragment)
F1RXW5	PIG Uncharacterized protein
P12109	HUMAN Collagen alpha-1(VI) chain
Q8NF91	HUMAN Nesprin-1
I3LHT5	PIG Uncharacterized protein

E1F1AX	-0.2	-0.5	-0.7	-0.4	0.4	0.6	0.9	1.6	3	1
MAP3K2	-1.4	-1.5	0.1	0.9	0.3	0.2	1.7	0.7	1	1
MSRB3	-0.4	-0.8	-0.5	-0.2	-0.3	-1.6	-0.9	-1.2	1	1
RASAL3	-0.6	-0.4	-0.4	-0.4	-1.7	-0.6	-1.0	-1.3	2	1
COX7A2L	-0.4	-0.4	-0.5	-0.6	-0.4	-0.2	0.0	0.0	2	2
NA	-0.6	-0.9	-0.2	-0.1	-0.5	-0.9	0.0	1.0	2	1
MYL4	-0.1	0.3	-0.9	-1.1	2.2	-0.4	0.4	0.2	9	3
LAMA2	-0.5	-0.4	-0.6	-0.4	-0.4	-0.2	-0.6	0.2	13	17
RPL8	-1.2	-1.2	-0.1	0.7	-1.1	-0.8	0.2	1.1	2	3
CORO1A	-0.5	-1.1	-0.9	0.6	1.3	1.8	1.0	1.4	1	1
KRT14	0.0	-1.4	-0.4	0.0	-0.7	-1.6	-0.4	5.0	4	4
ACT	0.8	-0.3	-0.9	-1.4	1.6	0.2	-1.1	0.7	1	2
MRPL12	-0.3	0.3	-0.9	-1.0	3.3	1.3	1.7	-0.3	4	1
HAGH	-0.4	-0.8	-0.5	-0.2	-1.0	-0.2	1.0	-0.7	1	1
PHF3	-0.3	-0.7	-0.6	-0.3	-1.0	-1.3	-0.3	0.4	1	1
COL6A1	-1.5	-1.4	-0.4	1.5	-2.9	-3.4	-2.2	1.5	10	6
KMT2D	-1.3	0.4	-0.6	-0.3	1.4	0.9	1.1	2.1	1	1
RPS6	-0.5	-1.0	-0.5	0.2	0.2	-0.1	-0.4	1.4	1	1
CNNM4	-0.4	-0.4	-0.5	-0.6	-0.3	0.5	0.9	2.4	1	1
S100A13	-0.2	-0.8	-0.6	-0.3	0.8	-1.4	-1.2	-0.5	3	2
MT-ND1	0.1	-0.1	-0.8	-1.0	-0.6	-0.4	-1.4	-1.6	2	3
CLINT1	-0.7	-0.4	-0.6	-0.1	0.9	0.1	-0.4	0.2	4	1
VARS2	-0.5	-0.5	-0.3	-0.6	-0.1	-0.1	1.2	0.4	3	1
MYPN	0.0	-0.8	-0.8	-0.3	-0.5	-0.9	-0.6	-0.5	3	10
TENC1	-0.2	-0.4	-0.6	-0.6	-0.5	-0.3	0.3	-0.5	1	2
NA	0.2	0.5	-0.9	-1.7	0.3	-0.2	-1.7	0.5	1	1
DPYSL3	-0.9	-1.2	-0.3	0.5	0.1	-0.5	0.7	-0.1	4	4
CCDC141	0.3	-0.7	-0.8	-0.6	0.0	0.9	-0.3	0.0	6	12
HADH	0.5	-0.4	-0.9	-1.2	-0.2	-0.4	-1.1	-0.5	1	2
HNRNPA0	-0.5	-0.8	-0.3	-0.2	0.6	0.5	-0.6	-1.2	3	2
SH3BGR	-0.1	-0.7	-0.5	-0.7	0.2	-1.0	-0.4	-0.7	2	3
HBB	0.8	-0.3	-1.1	-1.4	-0.5	-0.7	0.1	-1.4	1	1
NUDT19	0.1	-0.4	-0.6	-1.0	1.2	0.3	1.6	-0.3	1	1
OMC	0.0	0.0	-0.8	-1.1	-1.5	-1.2	-1.5	-0.5	13	11
COMT	-0.5	-0.5	-0.6	-0.4	0.6	0.8	-1.1	-2.0	6	4
PGAM5	0.3	-0.5	-0.8	-0.9	0.8	0.6	0.6	-0.3	3	5
TMEM177	-0.1	0.3	-1.0	-1.2	-0.3	-0.6	0.0	0.0	2	4
COL6A1	-1.9	-1.2	-0.3	1.4	-1.9	-2.1	-2.0	0.8	6	5
SYNE1	-1.5	-0.8	0.1	0.3	-0.2	-0.2	-0.9	0.0	1	1
NA	-0.9	-0.9	-0.4	0.3	-0.2	0.1	1.4	1.7	1	1

I3LUB8	PIG Uncharacterized protein
I3LLM9	PIG Uncharacterized protein
P61978	HUMAN Heterogeneous nuclear ribonucleoprotein K
F1SSV2	PIG Uncharacterized protein
Q29245	PIG Clathrin coat assembly protein AP50 (Fragment)
Q86YE8	HUMAN Zinc finger protein 573
F1RG31	PIG Uncharacterized protein (Fragment)
Q9GLL4	PIG Glycine cleavage system T-protein (Fragment)
Q9HCE1	HUMAN Putative helicase MOV-10
O18887	PIG K-Cl cotransporter
F1RND9	PIG Uncharacterized protein
B6DZ39	PIG APPL2
Q2MJV9	PIG Palmelphin
I3L614	PIG Uncharacterized protein
I3LV12	PIG Uncharacterized protein (Fragment)
F1SMQ5	PIG Uncharacterized protein
F1S0D9	PIG Uncharacterized protein
I3LD72	PIG Uncharacterized protein
Q01449	HUMAN Myosin regulatory light chain 2, atrial isoform
F1RVS8	PIG Uncharacterized protein
I3LJW4	PIG Uncharacterized protein (Fragment)
I3LIC2	PIG Uncharacterized protein
I3LC09	PIG Uncharacterized protein (Fragment)
Q9HBI1	HUMAN Beta-parvin
G3CKJ2	PIG Glyceraldehyde-3-phosphate dehydrogenase (Fragment)
F1SA70	PIG Uncharacterized protein
P05024	PIG Sodium/potassium-transporting ATPase subunit alpha-1
F1S9Q3	PIG Uncharacterized protein
I3LJX2	PIG Uncharacterized protein
Q5TAH2	HUMAN Sodium/hydrogen exchanger 11
F1S1Q7	PIG Uncharacterized protein (Fragment)
I3L9I6	PIG Uncharacterized protein
I3LAA4	PIG Uncharacterized protein
F1SA96	PIG Uncharacterized protein
F1SMB6	PIG Uncharacterized protein
F1SUG4	PIG Uncharacterized protein
F1RFT1	PIG Uncharacterized protein
F1RN43	PIG Uncharacterized protein
F1STL4	PIG Uncharacterized protein
A4FU69	HUMAN EF-hand calcium-binding domain-containing protein 5

KIF5C	0.0	-0.3	-0.8	-0.8	3.4	3.7	2.8	-0.9	1	1
LOC100523003	0.1	-0.6	-0.7	-0.7	-0.1	0.4	0.4	-0.9	4	4
HNRNPK	-0.6	-0.7	-0.6	0.0	0.3	0.6	0.1	-0.2	4	2
CHP1	-1.4	-1.2	0.2	0.5	-0.4	-0.8	-1.0	-1.5	1	1
NA	-0.6	-0.7	-0.6	0.0	-1.7	-0.7	-0.4	0.8	1	1
ZNF573	0.0	-0.1	-0.6	-1.2	-0.3	-0.8	-0.9	-2.1	1	1
LOC100520831	0.7	-1.0	-1.1	-0.5	-0.1	0.3	-0.2	-0.4	1	1
NA	-0.3	-0.4	-0.9	-0.3	-1.6	-1.0	-0.9	0.7	1	1
MOV10	-0.9	-0.3	-0.5	-0.2	-0.5	-0.3	-1.4	0.4	2	1
SLC12A4	-0.8	-0.2	-0.5	-0.4	-1.3	-0.7	-0.9	0.6	1	2
MNDA	-1.4	-0.5	0.1	-0.2	0.0	0.5	0.0	44.2	2	1
appl2	-0.5	-1.1	-0.3	-0.1	-0.4	-0.2	0.7	1.8	2	2
PALMD	-0.3	-0.4	-0.7	-0.5	2.2	2.9	-0.5	0.4	9	14
NA	0.1	0.5	-0.8	-1.7	0.1	-0.1	-1.7	-1.4	7	6
LOC100623243	0.0	-0.7	-1.1	-0.1	1.9	-0.2	0.9	0.8	1	1
STRIP2	-1.0	-1.1	-0.5	0.6	-0.7	-0.8	0.3	0.4	1	2
DARS	-0.8	-1.1	-0.2	0.1	-1.0	-1.0	0.0	-0.2	8	6
EHD2	-0.3	-0.5	-0.8	-0.4	-0.8	-0.5	-1.1	-0.2	19	17
MYL7	0.0	-0.6	-0.5	-0.9	0.6	-0.4	-0.7	-2.2	1	1
MTCH1	-0.7	-0.9	-0.5	0.1	0.1	-0.1	-0.1	0.1	2	2
ACO1	-0.6	-0.9	-0.4	-0.1	-0.5	0.1	0.0	0.1	16	21
LRPPRC	0.0	-0.6	-0.7	-0.6	0.1	-0.2	-0.9	-0.4	22	31
TIMM50	0.0	-0.2	-0.8	-0.9	-0.7	-0.4	-0.1	0.4	3	9
PARVB	-0.2	-1.0	-0.6	-0.3	0.0	-0.8	-1.3	-0.5	1	1
GAPDH	-0.3	-0.8	-0.5	-0.4	-0.2	-0.6	-0.2	0.0	5	2
HSPA2	-1.1	-1.0	-0.1	0.3	-0.1	0.5	0.3	-1.1	11	9
ATP1A1	-0.7	-0.3	-0.5	-0.5	-0.9	-0.4	-0.8	0.0	39	42
NA	-1.2	-1.1	0.0	0.3	-0.7	-0.1	0.1	-0.7	22	21
NA	-0.8	-1.2	-0.5	0.5	2.3	2.5	1.2	2.3	2	2
SLC9C2	-0.1	-0.6	-0.6	-0.7	2.4	4.9	4.2	0.8	1	1
LOC100153260	0.0	-0.6	-0.7	-0.7	-0.7	-1.8	-1.2	-0.2	10	13
BCAM	-0.1	-0.3	-0.8	-0.7	-0.1	-0.3	-1.1	-1.1	19	16
NA	-0.8	-1.2	-0.3	0.2	-0.6	-1.4	-0.4	-0.1	5	4
IAH1	-0.5	-0.7	-0.5	-0.2	0.2	-1.1	0.2	-0.7	4	5
HSPB2-C11orf52	0.0	-0.7	-0.9	-0.6	1.7	2.0	0.9	-1.3	6	5
TCEB2	-0.8	-0.9	-0.3	0.0	-0.1	-0.9	-1.2	-1.9	6	2
LOC100513927	-0.6	-0.9	-0.3	-0.3	-0.1	-0.5	-0.8	-1.7	4	4
CUL4A	-0.8	-1.0	-0.4	0.2	0.0	-0.2	-0.6	0.6	1	2
MECR	-0.5	-0.5	-0.6	-0.5	-0.7	-0.9	-0.5	0.2	3	4
EFCAB5	-0.8	-1.2	-0.3	0.2	0.0	0.3	1.4	0.8	1	2

P61081	HUMAN NEDD8-conjugating enzyme Ubc12
F1S398	PIG Uncharacterized protein
Q9H9J1	HUMAN HCG1782272
F1SJJ2	PIG Uncharacterized protein (Fragment)
I3LCS2	PIG Uncharacterized protein (Fragment)
Q2L969	PIG Metaxin-2
F1RKW4	PIG Mitochondrial Rho GTPase (Fragment)
F1RYS9	PIG Uncharacterized protein
K7GKK5	PIG Uncharacterized protein (Fragment)
I3L6D7	PIG Uncharacterized protein
F1S4Y0	PIG Uncharacterized protein
P36956	HUMAN Sterol regulatory element-binding protein 1
P36968	PIG Phospholipid hydroperoxide glutathione peroxidase, mitochondrial
F1SMX5	PIG Uncharacterized protein
P37111	PIG Aminoacylase-1
P62888	HUMAN 60S ribosomal protein L30
Q0MVN8	PIG Quinone oxidoreductase
F1S5R6	PIG Uncharacterized protein
O77591	PIG Inositol monophosphatase 1
I3LG73	PIG Uncharacterized protein (Fragment)
Q9H4I8	HUMAN Serine hydrolase-like protein 2
A1XQU3	PIG 60S ribosomal protein L14
Q9BQP7	HUMAN Mitochondrial genome maintenance exonuclease 1
Q06AK6	PIG Tuftelin-interacting protein 11
I3LC47	PIG Uncharacterized protein
F1SUF2	PIG Uncharacterized protein (Fragment)
I3LQ84	PIG Uncharacterized protein
I3LCK2	PIG Uncharacterized protein
Q9N250	PIG Titin (Fragment)
Q9NXZ1	HUMAN Sarcoma antigen 1
P12883	HUMAN Myosin-7
F1SLU6	PIG Ubiquitin carboxyl-terminal hydrolase
F1RJC7	PIG Uncharacterized protein (Fragment)
Q9NXB0	HUMAN Meckel syndrome type 1 protein
I3L820	PIG Uncharacterized protein (Fragment)
F1SSS1	PIG Uncharacterized protein
K7GKS8	PIG Uncharacterized protein
F1RLQ9	PIG Uncharacterized protein (Fragment)
Q9BX66	HUMAN Sorbin and SH3 domain-containing protein 1
Q03001-3	HUMAN Isoform 3 of Dystonin

UBE2M	-0.6	-1.3	-0.3	0.1	0.1	0.3	0.6	0.2	3	3
CLTB	-0.5	-0.7	-0.6	-0.2	1.7	0.8	0.1	-0.7	5	2
hCG_1782272	-0.8	-0.8	-0.3	-0.2	-1.0	-1.8	-0.8	-0.5	1	1
LOC100517377	-0.7	-0.5	-0.6	-0.2	0.3	-0.3	-0.8	-0.1	4	2
NA	-0.4	-0.6	-0.5	-0.5	1.3	1.3	1.9	0.3	3	1
MTX2	-0.6	-0.8	-0.4	-0.2	0.1	-0.2	0.2	0.2	1	2
RHOT1	-0.2	-0.9	-0.6	-0.4	0.8	-0.5	-1.1	-0.5	2	1
FAM47E-STBD1	-0.5	-1.3	-0.4	0.1	0.1	0.4	0.5	1.3	3	6
UBE2N	-1.0	-0.9	-0.3	0.1	-0.6	0.1	0.2	0.0	7	4
DSG2	0.6	-0.8	-1.1	-0.7	0.4	0.5	-0.6	0.0	6	9
ACSS2	-0.6	-0.9	0.0	-0.5	-0.8	-1.2	-1.0	-0.3	1	1
SREBF1	-0.3	-0.6	-0.4	-0.8	0.7	2.4	1.3	-0.1	1	1
GPX4	-0.1	-0.5	-0.7	-0.8	-1.3	0.5	-1.5	0.8	3	4
CAB39	-0.5	-0.6	-0.5	-0.5	0.0	-1.3	-2.7	-1.8	2	1
ACY1	0.0	-0.9	-0.8	-0.4	1.0	1.1	1.9	0.1	8	8
RPL30	-0.8	-1.0	-0.3	0.1	-0.6	-0.4	0.0	0.5	4	4
CRYZ	-0.7	-0.8	-0.4	-0.3	-0.2	0.0	0.6	0.3	2	2
NA	-1.0	-1.3	0.4	-0.3	-0.5	-0.7	-0.6	0.0	4	6
IMPA1	0.0	-0.7	-0.8	-0.6	1.6	1.0	1.5	-0.6	7	9
RSL1D1	-1.6	-1.0	-0.1	0.6	0.2	2.1	0.9	1.0	4	4
SERHL2	-0.7	0.2	-0.7	-0.8	-0.5	-0.5	-1.5	-0.4	1	1
RPL14	-1.6	-1.1	0.0	0.6	-1.7	-1.0	-1.2	0.0	4	4
MGME1	-0.7	0.0	-0.5	-0.9	-0.1	0.2	-0.5	-0.4	1	1
TFIP11	1.3	-2.0	-1.0	-0.5	3.3	0.7	2.3	1.8	1	1
NA	-0.1	-0.6	-0.7	-0.6	-0.7	-1.0	-1.0	-0.1	5	5
HK1	-0.5	-0.3	-0.6	-0.7	-0.8	-0.7	-0.4	0.6	23	22
NA	-1.4	-1.2	-0.5	1.0	-1.3	-1.8	-1.5	1.0	21	24
LOC100622515	-0.1	-0.9	-0.6	-0.4	0.3	-0.2	0.7	0.8	1	1
TTN	0.1	-0.2	-1.1	-0.9	1.6	1.8	2.5	1.9	4	6
SAGE1	-0.2	-0.7	-0.7	-0.6	2.1	1.4	0.0	-0.5	1	1
MYH7	-0.6	-0.5	-0.4	-0.7	-1.9	-0.6	-1.7	-0.9	5	3
USP5	-0.9	-1.1	-0.2	0.2	-0.5	0.0	-0.7	0.2	14	7
MIB2	-1.0	-0.2	-0.5	-0.4	0.9	1.6	1.0	2.2	1	2
MKS1	0.1	-0.5	-0.9	-0.8	-1.0	-0.5	-1.8	-0.8	1	1
RRAD	-0.3	-0.8	-0.1	-0.9	-2.3	-0.1	-1.0	-1.2	2	2
LANCL1	-0.1	-1.0	-0.6	-0.4	-0.1	0.0	0.4	-0.6	4	4
PTCD3	0.3	-1.1	-1.1	-0.2	-0.1	-0.9	0.0	-1.3	1	3
NA	-0.3	-0.6	-0.6	-0.6	-0.2	0.0	-2.4	0.3	3	3
SORBS1	-0.5	-1.3	-0.4	0.0	0.1	0.4	0.2	0.6	1	1
DST	-0.1	-0.8	-0.6	-0.6	1.9	0.1	1.0	0.0	2	3

K9IWG6	PIG Spectrin beta chain, brain 1 (Fragment)	SPTBN1	-0.4	-0.7	-0.7	-0.3	-0.3	-0.2	-0.3	0.3	109	115
I3L9F1	PIG Uncharacterized protein (Fragment)	BSG	-0.6	0.3	-0.6	-1.3	-0.4	-0.1	-0.5	-0.5	6	7
Q9H993	HUMAN UPF0364 protein C6orf211	C6orf211	-0.2	-0.6	-0.7	-0.7	0.9	0.6	-1.2	-2.6	1	2
G8JE99	HUMAN Cytochrome c oxidase subunit 2	COX2	-0.1	0.2	-1.0	-1.3	-0.7	-1.1	-2.6	-1.7	1	1
P34896	HUMAN Serine hydroxymethyltransferase, cytosolic	SHMT1	-0.7	-0.8	-0.5	-0.2	0.0	1.5	1.6	-0.4	1	1
F1RZ82	PIG Uncharacterized protein (Fragment)	LOC100526132	-1.2	-0.5	-0.4	-0.1	1.6	0.2	0.4	0.0	3	3
F1SQL0	PIG Uncharacterized protein (Fragment)	PNPT1	-0.4	-0.7	-0.5	-0.5	0.5	1.1	1.7	1.5	2	1
P26044	PIG Radixin	RDX	-1.1	-1.2	-0.3	0.5	-0.1	0.3	1.0	1.3	11	8
F1SHS4	PIG Uncharacterized protein	ERC1	-0.6	-1.4	-0.5	0.3	0.3	0.1	1.3	1.2	1	1
I3LK34	PIG Uncharacterized protein	LOC100625244	0.0	-0.1	-1.0	-1.1	0.0	-0.3	0.0	-1.1	4	6
I3LF22	PIG Integrin beta	ITGB5	-0.8	-0.6	-0.4	-0.3	-0.2	0.3	0.0	-0.9	1	1
P42174	PIG Glutamate dehydrogenase 1, mitochondrial (Fragments)	GLUD1	-0.8	-0.8	-0.5	-0.1	1.4	0.4	-0.9	0.0	1	1
Q9BTT0	HUMAN Acidic leucine-rich nuclear phosphoprotein 32 family member E	ANP32E	-2.0	-1.2	0.1	0.9	2.5	1.9	-0.5	-1.2	2	1
F1SBM1	PIG Uncharacterized protein	MCM8	-0.3	1.0	-1.5	-1.3	3.0	2.3	0.3	-3.6	1	1
K7GP62	PIG Uncharacterized protein	NA	-0.4	-1.0	-0.6	-0.2	0.4	-0.1	0.3	-0.6	5	2
Q2EN74	PIG Epidermal fatty acid-binding protein	FABP5	-1.1	-1.1	-0.7	0.8	-0.9	-0.6	-0.7	-0.1	7	5
I3LIB6	PIG Uncharacterized protein (Fragment)	LOC100156903	-0.1	-0.6	-0.8	-0.7	-1.0	-0.2	-0.5	-0.4	1	1
F2Z5K3	PIG Uncharacterized protein	RAP1A	-0.7	-0.5	-0.5	-0.6	1.7	-0.2	-0.9	-0.2	1	3
Q6IQ22	HUMAN Ras-related protein Rab-12	RAB12	-0.3	-0.5	-0.5	-0.9	0.2	1.5	1.0	0.8	2	1
F1SEQ3	PIG Uncharacterized protein	GHITM	-0.7	-0.6	-0.3	-0.6	-0.8	-0.5	-0.8	-0.2	4	4
F1S5J3	PIG Uncharacterized protein (Fragment)	NRAP	-1.2	-0.9	-0.1	0.0	-0.4	-0.1	0.0	-0.4	25	28
F1S597	PIG Uncharacterized protein	CCDC151	0.1	-0.3	-1.0	-0.9	0.1	-0.2	-0.8	-0.7	1	1
Q9Y4G6	HUMAN Talin-2	TLN2	0.1	-0.9	-0.8	-0.7	-0.3	-0.5	-0.4	-0.4	15	23
F1S798	PIG Uncharacterized protein	LOC100522817	-0.4	-0.2	-0.7	-1.0	1.2	1.0	-1.0	-0.8	1	1
Q8MJG6	PIG ATP synthase gamma subunit 1 (Fragment)	NA	0.3	-0.1	-1.2	-1.2	-0.6	-0.8	1.3	1.3	4	8
A0ZVR1	PIG Mitochondrial antiviral signaling protein	Mavs	-0.3	-0.4	-0.7	-0.8	0.3	1.1	1.2	1.6	7	10
A1XQR7	PIG Protein QIL1	QIL1	-0.3	0.0	-0.8	-1.1	-0.7	-1.1	-1.2	0.0	4	6
F1SK45	PIG Uncharacterized protein	AK3	-0.3	-0.2	-0.8	-0.9	0.1	0.1	-0.3	0.0	10	14
P83881	HUMAN 60S ribosomal protein L36a	RPL36A	-1.8	-2.1	-0.3	2.0	-1.5	-1.3	0.6	1.9	1	1
F1RP25	PIG Uncharacterized protein (Fragment)	CLYBL	0.0	-0.7	-0.9	-0.6	0.2	-0.2	-1.2	-0.3	3	2
I3LQK3	PIG 40S ribosomal protein S19	RPS19	-1.1	-0.7	0.2	-0.6	-1.4	-0.5	-0.2	0.3	2	2
F1SB42	PIG Uncharacterized protein (Fragment)	EZR	-1.1	-0.8	-0.2	-0.1	0.0	0.3	1.2	1.9	13	11
I3LLX3	PIG Uncharacterized protein	CAMSAP2	0.5	-0.6	-0.9	-1.2	-0.3	0.4	0.6	0.3	1	1
P23471	HUMAN Receptor-type tyrosine-protein phosphatase zeta	PTPRZ1	0.0	-0.1	-1.0	-1.1	-2.4	-1.6	-1.0	0.9	2	1
F1S192	PIG Uncharacterized protein	PFDN2	-0.3	-0.3	-0.8	-0.8	2.1	3.5	0.8	-1.0	2	1
F1RRS3	PIG Uncharacterized protein (Fragment)	NSF	-0.4	-0.9	-0.6	-0.3	-0.1	-0.1	-0.4	-0.4	6	2
F1S4X7	PIG Uncharacterized protein	MYH7B	0.3	-0.3	-1.0	-1.2	0.5	0.5	-0.8	-0.2	11	9
Q9XSD9	PIG Decorin	DCN	-1.7	-0.5	-0.5	0.5	-0.8	-0.8	-0.6	-0.1	14	11
F1S8U4	PIG Uncharacterized protein	MRPL43	-0.2	-0.5	-0.9	-0.7	4.0	3.7	0.3	1.0	3	2
I3LUR5	PIG Uncharacterized protein (Fragment)	ACAD9	0.2	-0.6	-1.0	-0.8	0.0	-0.4	0.3	-0.3	7	10

F1SMQ3	PIG Uncharacterized protein
A2RU54	HUMAN Homeobox protein HMX2
F1S5Y7	PIG Uncharacterized protein
I3LGX8	PIG Chordin
I3LAQ6	PIG Uncharacterized protein (Fragment)
I3L6T2	PIG Uncharacterized protein (Fragment)
F1SR64	PIG Uncharacterized protein
F1RHN2	PIG Uncharacterized protein
Q9NX40	HUMAN OCIA domain-containing protein 1
F1RQH7	PIG Uncharacterized protein (Fragment)
Q9NQ78	HUMAN Kinesin-like protein KIF13B
M3VK21	PIG Solute carrier family 25 (Aspartate/glutamate carrier), member 12
F1S086	PIG Uncharacterized protein (Fragment)
F1RPK0	PIG Histone H2A
P14866	HUMAN Heterogeneous nuclear ribonucleoprotein L
F1S9V9	PIG Uncharacterized protein (Fragment)
F1RY43	PIG Uncharacterized protein
F1RUN1	PIG Uncharacterized protein (Fragment)
I3LVQ8	PIG Uncharacterized protein (Fragment)
F1SC09	PIG Uncharacterized protein
I3LBZ5	PIG Uncharacterized protein
F1RV77	PIG Uncharacterized protein (Fragment)
K7GML0	PIG Uncharacterized protein
I3LGX5	PIG Collagen, type IV, alpha 3 (Goodpasture antigen) binding protein tv2
F1S415	PIG Uncharacterized protein
I3LIL5	PIG Uncharacterized protein
I3LVC1	PIG Uncharacterized protein (Fragment)
Q8NCM8	HUMAN Cytoplasmic dynein 2 heavy chain 1
Q92886	HUMAN Neurogenin-1
F1S4P7	PIG Uncharacterized protein
Q2VTP6	PIG Peptidyl-prolyl cis-trans isomerase
B2ZPK1	PIG Cytochrome b reductase 1
F2WE98	HUMAN NADH-ubiquinone oxidoreductase chain 4
F1S8C1	PIG Uncharacterized protein
F1RIY7	PIG Uncharacterized protein
F1S9T0	PIG Uncharacterized protein (Fragment)
F1S5S1	PIG Uncharacterized protein
F1SPD6	PIG Uncharacterized protein (Fragment)
Q13948	HUMAN Protein CASP
I3LDC3	PIG Uncharacterized protein

SMO	-0.7	-0.1	-0.8	-0.6	-0.5	-0.3	0.2	0.4	1	1
HMX2	-0.7	-0.6	-0.6	-0.5	-2.1	-1.7	-1.4	0.0	1	1
CLCC1	-0.9	-0.7	-0.4	-0.3	-1.2	-0.1	-0.6	0.4	3	4
CHRD	-0.1	-0.4	-0.7	-1.1	0.2	0.1	0.0	0.0	1	1
ABHD14B	-0.4	-1.0	-0.8	-0.1	-0.3	-0.9	0.5	0.2	2	2
UBE2V2	-1.0	-0.7	-0.3	-0.3	-0.4	-0.6	0.1	-0.4	4	2
MRPL44	0.2	-0.7	-0.8	-1.0	0.2	0.1	0.7	-2.0	1	1
ARVCF	0.1	-0.6	-0.8	-0.9	0.2	-0.5	-0.3	-0.9	8	13
OCIAD1	0.0	-0.1	-1.0	-1.2	-0.7	-1.5	-3.7	-3.2	1	1
LIMS2	-1.6	-1.6	-0.1	1.0	-0.6	-0.8	0.8	0.3	1	2
KIF13B	0.1	-0.6	-1.0	-0.7	-0.4	0.6	0.3	0.8	1	1
SLC25A12	-0.3	-0.4	-0.7	-0.9	-1.3	-1.4	-1.5	-0.5	4	5
SLC25A12	0.1	-0.2	-0.9	-1.3	-1.1	-1.2	-1.6	-0.3	15	16
LOC100154508	-1.4	-1.0	-0.3	0.4	-1.6	-1.0	-0.4	-0.1	2	2
HNRNPL	-1.0	-1.2	-0.4	0.2	-0.9	-0.2	0.3	0.0	5	5
TMEM38A	0.4	-1.0	-1.1	-0.6	-1.8	-0.9	-0.9	1.4	1	1
PDP1	0.0	-0.6	-0.9	-0.9	1.2	0.3	1.0	-0.2	4	4
USP6NL	-0.7	-0.3	-0.7	-0.6	-1.5	-1.1	-0.7	0.2	1	1
APCDD1	-1.4	0.3	-0.1	-1.2	-2.7	-1.6	-2.1	0.5	2	1
ABCB5	-0.4	-1.1	-0.5	-0.3	-0.1	-0.1	1.1	1.7	2	1
SCARF2	-1.1	-1.3	-0.2	0.3	0.1	-1.0	-0.4	-1.0	1	1
RANBP9	0.0	-0.7	-0.8	-0.8	-0.3	0.2	-0.5	-1.2	1	1
ADHFE1	0.5	-0.4	-1.1	-1.3	0.9	0.0	0.6	-1.5	2	4
COL4A3BP	-1.4	-1.2	-0.2	0.4	-1.2	-0.8	-1.2	-0.1	1	1
BAG3	-1.3	-0.3	-0.3	-0.4	2.2	1.8	0.3	0.4	17	11
HMGCL	-0.1	-0.5	-0.9	-0.8	0.2	0.7	0.0	0.5	6	6
NA	-1.9	-1.5	-0.1	1.2	-1.7	-1.0	-0.6	-0.4	1	1
DYNC2H1	-0.2	-0.8	-0.8	-0.6	-0.7	-1.8	0.3	0.1	1	2
NEUROG1	-0.2	-0.4	-0.9	-0.9	-0.5	-0.9	-0.6	-0.5	1	1
NDUFAF7	-0.1	-0.8	-0.7	-0.8	-0.4	-0.2	-1.6	-1.1	1	6
LOC654323	-0.7	-0.7	-0.5	-0.4	-0.1	-0.5	-0.3	0.1	2	2
CYBRD1	-1.3	-1.0	-0.3	0.3	1.9	1.6	2.5	3.6	1	2
ND4	0.1	-0.2	-1.0	-1.3	-0.1	-0.1	-1.6	-1.2	1	2
HSPA12B	-0.8	-1.0	-0.8	0.1	0.2	-0.8	-0.8	-0.5	1	3
NA	-0.6	-1.2	-0.6	0.1	0.7	1.3	0.8	-0.8	1	4
DNAJB4	-0.3	-0.7	-0.7	-0.7	-0.4	0.5	0.1	-0.3	8	6
IBA57	0.1	0.4	-1.3	-1.6	0.6	0.4	0.3	-1.1	1	4
FBXO40	-0.3	-0.9	-0.6	-0.6	0.3	0.1	0.6	-0.6	1	2
CUX1	-0.7	-0.9	-0.5	-0.3	1.3	1.0	0.1	0.8	1	1
NDUFB10	0.1	0.1	-1.0	-1.6	0.0	0.2	-0.8	-1.5	8	8

Q9UMD9	HUMAN Collagen alpha-1(XVII) chain	COL17A1	-1.3	-0.2	0.2	-1.0	0.4	0.4	0.8	0.1	1	1
I3L6F1	PIG 60S ribosomal protein L18	RPL18	-1.5	-1.9	-0.1	1.1	-0.6	1.3	0.0	1.1	1	1
P53603	PIG Formimidoyltransferase-cyclodeaminase	FTCD	0.0	-0.8	-0.6	-1.0	-0.8	-1.4	-1.1	0.0	1	1
I3LGM4	PIG Uncharacterized protein	NDUFA11	0.2	-0.2	-1.0	-1.4	-0.4	0.1	-0.3	-0.5	2	2
I3LVP5	PIG Uncharacterized protein	PPP1R12A	-0.9	-1.4	-0.4	0.4	-0.5	-0.2	0.1	-0.1	4	2
F1SB03	PIG Uncharacterized protein	SRCIN1	0.1	-0.2	-1.1	-1.3	0.4	1.3	-1.1	-2.7	2	2
D3DTL4	HUMAN Enolase	ENO3	-0.2	-1.0	-0.8	-0.5	1.7	1.0	0.8	-0.6	1	1
Q6PLK3	PIG Amine oxidase [flavin-containing] B	MAOB	-0.2	-0.5	-0.9	-0.8	-0.3	-0.9	0.0	1.2	7	10
F1S2G3	PIG Uncharacterized protein (Fragment)	TBCA	-1.9	-1.1	0.1	0.4	0.3	0.3	0.3	0.2	3	1
Q08AH1	HUMAN Acyl-coenzyme A synthetase ACSM1, mitochondrial	ACSM1	-0.4	-0.2	-0.6	-1.1	-1.1	-1.0	-0.2	0.3	1	2
I3LNE1	PIG Uncharacterized protein (Fragment)	LRRFIP2	-0.8	-0.9	-0.5	-0.2	0.6	0.9	0.3	0.1	3	5
F1S2G4	PIG Uncharacterized protein	KAT6B	-0.8	-1.1	-0.4	-0.1	-0.8	0.4	-0.5	0.0	1	1
Q09666	HUMAN Neuroblast differentiation-associated protein AHNAK	AHNAK	-1.2	-0.6	-0.6	0.0	0.9	2.4	2.2	2.0	42	32
F1RXE6	PIG Uncharacterized protein	SMARCE1	0.1	-0.8	-0.9	-0.8	1.6	1.7	0.4	0.2	1	1
P17152	HUMAN Transmembrane protein 11, mitochondrial	TMEM11	-0.3	-0.8	-0.8	-0.6	-0.5	-0.2	-0.8	-0.4	1	2
Q95339	PIG ATP synthase subunit f, mitochondrial	ATP5J2	0.0	0.2	-1.0	-1.7	-0.8	-0.1	-1.8	-1.3	2	2
F1SI15	PIG Uncharacterized protein	PRPF39	-1.3	-0.9	-0.4	0.1	-2.3	-2.1	-0.8	-1.8	1	1
A8K482	HUMAN Aspartate aminotransferase	NA	-1.1	0.2	-0.1	-1.5	-1.1	-1.6	-1.0	-0.8	2	2
F1S4N5	PIG Uncharacterized protein	SFXN4	-0.2	-0.6	-0.9	-0.8	0.2	-0.1	-0.6	1.2	3	3
I3LQN4	PIG Uncharacterized protein	PHB2	-0.4	-0.5	-0.7	-0.8	-1.4	-1.0	-1.0	0.3	13	15
Q3Y5G5	PIG Peroxisomal enoyl coenzyme A hydratase 1	ECH1	-0.6	-0.2	-0.7	-0.9	-1.8	-1.3	-0.5	-0.3	6	3
F1S1F4	PIG Uncharacterized protein	WNK4	-0.5	-0.9	-0.6	-0.4	-1.2	-1.4	-1.3	-0.9	4	2
Q95J99	PIG Laminin beta 2 chain (Fragment)	NA	-0.7	-0.6	-0.5	-0.6	0.7	-1.0	-1.2	-0.5	1	1
Q7YS91	PIG Protein TBRG4	TBRG4	-0.5	-0.7	-0.6	-0.6	1.1	0.0	0.5	0.4	2	2
F1STT2	PIG Uncharacterized protein	SYTL2	-1.2	-0.7	-0.2	-0.3	-0.5	2.5	0.2	0.0	1	1
F1S8P1	PIG Uncharacterized protein	SCCPDH	0.1	-1.0	-0.9	-0.7	-0.2	-0.6	-1.3	-1.2	5	4
F1S738	PIG Uncharacterized protein (Fragment)	ADGB	-0.4	-0.8	-0.5	-0.7	-0.6	-0.7	0.3	0.6	1	3
F1SCS1	PIG Uncharacterized protein	DDX1	-1.0	-1.0	-0.5	0.1	-0.1	0.2	-0.4	-0.2	6	6
F1RPD2	PIG Uncharacterized protein	LOC100620271	-0.2	0.3	-0.8	-1.8	-0.7	-0.2	-1.3	-1.5	11	11
F1RGE3	PIG NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2	LOC100520950	0.1	0.1	-1.0	-1.6	-0.7	-0.7	-1.4	0.6	1	1
Q16281	HUMAN Cyclic nucleotide-gated cation channel alpha-3	CNGA3	-0.4	-1.5	-0.5	0.0	0.3	0.2	-0.2	1.4	1	1
F1SEQ4	PIG Uncharacterized protein (Fragment)	NRG3	-0.5	-0.8	-0.6	-0.6	-0.1	-1.1	-0.5	-1.2	1	2
F1ST39	PIG Uncharacterized protein	FXR2	-0.9	-1.1	-0.4	-0.1	1.2	0.7	0.5	0.4	2	1
Q96A19	HUMAN Coiled-coil domain-containing protein 102A	CCDC102A	-0.3	-1.0	-0.8	-0.3	1.4	0.3	0.9	1.9	1	1
F1RFA5	PIG Uncharacterized protein (Fragment)	PGP	-0.3	-0.9	-0.7	-0.6	0.5	1.3	0.6	0.5	4	5
F1RJ25	PIG Fructose-bisphosphate aldolase	ALDOC	-0.2	-1.2	-0.6	-0.4	0.9	1.1	0.9	1.5	8	10
I3LJT3	PIG Adenylyl cyclase-associated protein (Fragment)	NA	-0.2	-1.0	-0.6	-0.7	-0.5	-0.1	-0.1	-0.8	2	3
F1SJC2	PIG Uncharacterized protein	PPP1R3A	-0.7	-1.1	-0.3	-0.3	-0.3	0.6	0.4	0.1	1	1
Q14195	HUMAN Dihydropyrimidinase-related protein 3	DPYSL3	-0.9	-1.3	-0.5	0.2	0.1	0.2	0.7	0.3	7	5
O46560	PIG Pyridoxal kinase	PDXK	-1.1	-0.7	-0.3	-0.4	1.4	2.5	0.3	0.6	2	2

Q14103	HUMAN Heterogeneous nuclear ribonucleoprotein D0
Q9TV77	PIG 130 kDa regulatory subunit of myosin phosphatase (Fragment)
Q29096	PIG Proteasome subunit C9-like protein (Fragment)
P10323	HUMAN Acrosin
F1S156	PIG Uncharacterized protein
F1RSI2	PIG Uncharacterized protein
Q6P4F7	HUMAN Rho GTPase-activating protein 11A
Q8WXI4	HUMAN Acyl-coenzyme A thioesterase 11
I3LNF1	PIG Uncharacterized protein
Q9Y2J2	HUMAN Band 4.1-like protein 3
Q8TAB5	HUMAN UPF0500 protein C1orf216
I3LK72	PIG Uncharacterized protein (Fragment)
Q197W4	PIG Cyclin-dependent kinase 5
F1S2Y2	PIG Uncharacterized protein
Q86VS8	HUMAN Protein Hook homolog 3
A6NM43	HUMAN Putative T-complex protein 1 subunit theta-like 1
F1S285	PIG Uncharacterized protein
Q9GLG4	PIG Secretogranin-1
I3LJU1	PIG Uncharacterized protein (Fragment)
I3L7Z2	PIG Uncharacterized protein (Fragment)
H0YEI7	HUMAN Eukaryotic translation initiation factor 4 gamma 2 (Fragment)
F1S3I9	PIG Uncharacterized protein
Q96JG9	HUMAN Zinc finger protein 469
F1S6I8	PIG Uncharacterized protein (Fragment)
Q9NPL8	HUMAN Complex I assembly factor TIMMDC1, mitochondrial
F1RP34	PIG NAD(P)H-hydrate epimerase
Q00722	HUMAN 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-2
F1SHR6	PIG Uncharacterized protein (Fragment)
Q06AA9	PIG Ubiquitin-conjugating enzyme E2 D2
F1SE83	PIG Uncharacterized protein
F1S6Q1	PIG Uncharacterized protein
F1S6K2	PIG Uncharacterized protein
Q9MZ16	PIG Voltage-dependent anion-selective channel protein 1
F1SFE2	PIG Uncharacterized protein
F1RP45	PIG Uncharacterized protein (Fragment)
P24540	PIG Acylphosphatase-1
Q9BDE7	PIG Activated leukocyte cell adhesion molecule (Fragment)
K9J6L1	PIG Solute carrier family 12 member 7
Q3HUX1	PIG Fatty acid translocase/CD36
F1RJJ3	PIG Uncharacterized protein

HNRNPD	-1.3	-0.9	-0.3	0.0	0.3	0.5	0.0	-0.5	5	3
NA	-0.6	-1.3	-0.6	0.0	-0.2	-1.0	0.0	1.0	3	1
NA	-1.6	-1.1	-0.1	0.2	-0.5	-0.5	1.0	-0.4	5	4
ACR	-0.9	-0.2	-1.0	-0.4	-0.4	0.1	1.8	0.7	1	1
SYNPO2	0.1	-0.8	-1.0	-0.8	0.6	0.5	0.5	0.7	4	11
RP1	-0.6	-0.3	-0.9	-0.7	0.8	0.2	-0.2	0.2	1	1
ARHGAP11A	-0.6	-0.6	-0.6	-0.7	-0.5	0.0	-0.1	0.7	3	1
ACOT11	-0.1	-0.6	-0.9	-0.9	-0.1	-0.5	-1.2	-0.2	1	1
FAM208B	-0.3	-0.1	-1.1	-1.1	0.1	0.1	0.2	0.4	2	1
EPB41L3	-0.7	-0.6	-0.3	-1.0	1.3	0.7	0.5	0.4	3	4
C1orf216	-0.6	-1.3	-0.5	-0.2	0.0	-0.2	1.0	1.2	1	1
ACSF3	0.0	-0.7	-1.0	-0.8	-1.0	-0.8	-0.8	-0.9	5	12
CDK5	-0.9	-1.0	-0.6	0.0	-1.3	-0.1	-1.6	-0.3	1	1
PROX1	-0.4	-0.8	-0.7	-0.5	0.9	0.7	0.4	-0.3	1	1
HOOK3	-0.7	-0.4	-0.5	-0.9	-0.8	-1.5	-2.1	-1.3	4	4
CCT8L1P	0.2	-0.3	-1.0	-1.3	0.1	-0.6	0.6	-0.9	1	1
COL14A1	-1.3	-1.1	-0.8	0.7	-1.9	-1.2	-0.6	0.4	3	4
CHGB	-1.9	-0.3	-0.2	-0.1	1.0	5.2	-0.2	0.5	1	1
SURF4	-0.7	-0.4	-1.0	-0.6	-0.3	2.9	1.1	0.8	2	1
PRSS46	-0.7	-1.5	-0.4	0.1	0.0	0.3	-0.4	0.4	1	1
EIF4G2	0.1	-1.2	-0.8	-0.6	1.0	2.1	0.9	-0.5	1	1
ACOT4	-0.7	-0.6	-0.9	-0.3	-1.3	-0.8	-0.6	0.1	1	2
ZNF469	-0.9	-0.3	-0.9	-0.4	-0.4	-1.5	0.1	1.6	1	1
NA	0.6	-1.2	-1.1	-0.9	-0.8	0.5	-0.5	0.8	1	1
TIMMDC1	-0.2	-0.9	-0.7	-0.7	-0.2	0.4	0.5	1.2	1	1
APOA1BP	-0.4	-0.8	-0.9	-0.5	0.7	-0.1	0.6	0.8	1	1
PLCB2	1.5	-1.1	-1.7	-1.3	3.2	-3.2	-4.9	-3.7	1	1
NA	0.0	-0.5	-1.1	-1.1	-0.2	-0.4	-1.4	-1.8	2	2
UBE2D2	-1.0	-1.2	-0.4	-0.1	0.6	0.5	-0.4	0.3	2	2
OCIAD1	-0.4	-0.8	-0.8	-0.6	0.8	0.6	0.1	0.1	4	4
NDUFA13	-0.2	-0.2	-1.0	-1.3	-1.1	-0.7	-1.4	-0.5	11	13
JPH3	-0.9	-0.8	-0.4	-0.5	-1.1	-0.6	-0.7	-0.1	1	1
VDAC1	-0.6	-0.1	-0.7	-1.1	-1.5	-1.0	-0.9	-0.9	16	16
NA	-1.2	-0.7	-0.3	-0.3	-0.9	-0.5	1.1	1.4	2	2
CISD1	-1.3	-0.5	-0.6	-0.1	0.1	0.3	0.4	0.6	1	1
ACYP1	-0.8	-0.9	-0.5	-0.4	-0.9	-0.9	-0.9	-1.8	2	2
ALCAM	-0.9	-0.5	-0.6	-0.7	-1.0	-1.4	-1.6	-1.3	3	2
SLC12A7	-0.9	-0.8	-0.5	-0.4	-1.3	-0.5	0.4	0.7	4	2
CD36	-0.7	-0.2	-0.8	-1.0	-0.6	0.3	1.3	1.5	8	9
SBDS	-0.5	-0.9	-0.7	-0.4	0.1	1.0	-0.1	0.8	5	4

F1RH41	PIG Uncharacterized protein (Fragment)	LOC100524748	-0.8	-0.1	-1.0	-0.7	1.3	0.3	-0.6	-0.2	2	6
I3LAB4	PIG Uncharacterized protein	ATPAF2	-0.1	-0.8	-1.0	-0.7	0.7	0.0	-0.7	-0.3	1	1
F1S9I9	PIG MOSC domain-containing protein 2, mitochondrial	MARC2	-0.2	-0.8	-0.8	-0.7	-0.4	-0.1	0.2	0.6	5	4
F1RW08	PIG Signal recognition particle subunit SRP68	SRP68	-2.4	-1.7	0.2	1.3	-1.5	-0.7	-0.6	1.2	2	1
F1S764	PIG Uncharacterized protein	CPT2	0.0	-0.8	-0.9	-0.8	-0.3	-0.7	0.3	-0.3	9	14
F1RPV1	PIG Uncharacterized protein (Fragment)	TIPRL	-0.7	-1.3	-0.3	-0.3	-1.4	-1.5	-1.7	-1.0	4	3
I3LSM2	PIG Uncharacterized protein	A4GNT	-0.3	-1.3	-0.8	-0.2	0.4	0.6	0.5	-0.3	1	1
M9TGS8	PIG Mitochondrial delta3,delta2-dienoyl-CoA isomerase	Eci1	0.2	-0.2	-1.3	-1.3	-0.5	-1.0	-1.3	0.0	4	5
P47788	PIG Thimet oligopeptidase	THOP1	-1.0	-1.0	-0.4	-0.3	-1.7	-1.2	-0.8	-0.4	3	1
P63208	HUMAN S-phase kinase-associated protein 1	SKP1	-0.9	-0.9	-0.6	-0.2	2.3	0.9	-0.2	-2.5	5	2
Q9BXJ8-2	HUMAN Isoform 2 of Transmembrane protein 120A	TMEM120A	-0.9	-1.2	-0.7	0.1	-0.3	0.4	0.2	-0.5	1	2
Q9N251	PIG Titin (Fragment)	TTN	-0.3	-1.0	-0.6	-0.7	0.7	1.0	2.9	1.0	6	7
Q2EHH7	PIG Serine/threonine-protein phosphatase	NA	-0.9	-1.3	-0.5	0.0	-0.5	-0.1	-1.0	-1.0	3	3
Q7M2Y3	PIG Nonhistone chromosomal protein HMG-14 (Fragment)	NA	-1.5	-1.3	-0.6	0.8	0.2	0.5	-0.1	2.5	2	2
F1RI72	PIG Uncharacterized protein	GOLGA3	-1.6	-1.2	-0.4	0.5	0.6	-0.5	0.0	1.7	2	1
Q96NG3	HUMAN Tetratricopeptide repeat protein 25	TTC25	-0.6	-1.2	-0.5	-0.4	-0.8	-0.4	-0.8	0.3	1	1
Q09138	PIG 5'-AMP-activated protein kinase subunit gamma-1	PRKAG1	-0.2	-0.8	-0.8	-0.8	-0.6	-0.6	-0.4	0.0	3	2
F1RF21	PIG Uncharacterized protein	ANKRD34B	-1.0	-0.9	-0.4	-0.4	0.8	0.3	0.6	0.5	1	1
F1RYS7	PIG Uncharacterized protein (Fragment)	SHROOM3	-0.4	-0.6	-0.6	-1.1	-1.8	-2.2	-0.6	-0.6	2	2
I3LQZ2	PIG Histone H2A (Fragment)	H2AFY2	-1.5	-0.8	0.1	-0.5	-1.4	-0.8	-1.4	0.6	1	2
Q5D144	PIG Transcription factor A, mitochondrial	TFAM	-0.3	-0.7	-0.8	-0.9	-0.1	-0.9	-0.7	0.3	9	7
Q9Y5U8	HUMAN Mitochondrial pyruvate carrier 1	MPC1	-0.6	-1.2	-0.5	-0.4	-1.7	-1.5	0.2	0.7	3	4
F1RIA7	PIG Uncharacterized protein	TMEM109	-0.8	-0.7	-0.7	-0.5	-1.6	-1.1	-0.4	1.6	4	4
I3LIU0	PIG Uncharacterized protein (Fragment)	NA	-1.2	-1.0	-0.5	0.0	-0.1	1.8	1.7	2.1	6	4
Q96JM2	HUMAN Zinc finger protein 462	ZNF462	-0.3	-0.5	-0.9	-1.0	0.8	-0.6	-2.4	-1.9	1	2
F1SUP1	PIG Uncharacterized protein	AKR7A2	-1.2	-1.1	-0.3	-0.1	-0.6	-1.0	-0.5	1.0	5	4
D5FFT2	PIG Cardiomyopathy-associated 4 (Fragment)	NA	-0.6	-0.4	-0.8	-0.9	0.5	1.6	1.9	-0.6	1	1
F1SDZ8	PIG Uncharacterized protein	SEL1L	-0.6	0.0	-1.0	-1.0	1.3	1.6	-0.2	-0.9	2	1
F1RMC9	PIG Uncharacterized protein	NEK5	-0.2	-1.0	-0.7	-0.9	2.4	0.5	1.8	0.3	2	1
F1RT67	PIG Inositol monophosphatase 3	IMPAD1	0.2	-1.4	-0.9	-0.6	-0.7	-1.0	-0.9	0.9	2	1
D6MJK1	HUMAN MHC class I antigen (Fragment)	HLA-C	-1.7	0.4	-0.5	-0.9	-0.7	-0.1	0.2	0.5	1	1
P04178	PIG Superoxide dismutase [Cu-Zn]	SOD1	-1.4	-0.6	-0.5	-0.3	2.5	0.8	0.0	-0.9	5	5
I3LF34	PIG Uncharacterized protein (Fragment)	TRDMT1	-0.7	-0.4	-1.1	-0.5	-1.8	-2.4	-4.3	-0.9	1	1
F1SNT1	PIG Uncharacterized protein	ACAD11	-0.2	-1.0	-0.9	-0.6	-1.3	-1.8	-1.2	-1.2	1	1
F1SMZ6	PIG Uncharacterized protein	HSPE1	-0.3	0.0	-1.4	-1.0	0.6	-0.3	1.1	1.3	8	7
Q28948	PIG 5'-AMP-activated protein kinase catalytic subunit alpha-2	PRKAA2	0.0	-0.2	-0.9	-1.6	-2.6	-0.3	0.7	1.5	1	2
K7GNY9	PIG Uncharacterized protein	VBP1	-0.8	-1.2	-0.6	-0.1	0.8	0.7	-0.4	-0.3	4	1
I3L997	PIG Uncharacterized protein	NA	-0.2	-0.8	-1.0	-0.7	0.3	-0.5	-1.8	-0.8	3	2
F1SN52	PIG Uncharacterized protein	HIBCH	-0.8	-0.6	-0.7	-0.7	0.1	-0.6	-1.0	-1.1	2	2
O95865	HUMAN N(G),N(G)-dimethylarginine dimethylaminohydrolase 2	DDAH2	-0.1	-0.9	-1.1	-0.6	0.8	0.4	0.0	0.2	5	5

F1SLX5	PIG Uncharacterized protein
F1SLQ3	PIG Uncharacterized protein (Fragment)
I3LLY8	PIG Uncharacterized protein
I3LRR4	PIG Uncharacterized protein (Fragment)
F1SMT0	PIG Uncharacterized protein (Fragment)
F1SSF9	PIG Uncharacterized protein
I3LAC5	PIG Uncharacterized protein (Fragment)
I3LJ13	PIG Uncharacterized protein
A9LM01	PIG Progesterone receptor membrane component 2
F1SAJ9	PIG Uncharacterized protein (Fragment)
I3LLI8	PIG Uncharacterized protein (Fragment)
B2R4A2	HUMAN Cytochrome b-c1 complex subunit 7
Q96PZ0	HUMAN Pseudouridylate synthase 7 homolog
F1SDX0	PIG Uncharacterized protein
I3LA45	PIG Uncharacterized protein
F1RZA9	PIG Uncharacterized protein
Q6ZMR3	HUMAN L-lactate dehydrogenase A-like 6A
Q8WNV7	PIG Dehydrogenase/reductase SDR family member 4
F1SPZ9	PIG Uncharacterized protein
B2MUB6	PIG Small calcium-binding mitochondrial carrier 1
F1STS4	PIG Uncharacterized protein (Fragment)
Q95250	PIG Membrane-associated progesterone receptor component 1
F1RNI5	PIG Uncharacterized protein
F1S4V8	PIG Uncharacterized protein
F1RQ84	PIG Uncharacterized protein (Fragment)
P0C267	PIG Coiled-coil domain-containing protein 127
F1RKJ9	PIG Uncharacterized protein
F1SSL9	PIG Uncharacterized protein
Q8N1F7	HUMAN Nuclear pore complex protein Nup93
F1RHJ9	PIG Uncharacterized protein
Q9BWH6	HUMAN RNA polymerase II-associated protein 1
F1RMR5	PIG Uncharacterized protein
F1RYM4	PIG Uncharacterized protein
A0P8Z5	PIG BRCA1-A complex subunit RAP80
P49927	PIG Major prion protein
F1RHM3	PIG Uncharacterized protein (Fragment)
P0C2C3	PIG MOSC domain-containing protein 2, mitochondrial (Fragments)
I3L8T3	PIG tRNA (guanine(37)-N1)-methyltransferase
I3L5D5	PIG Uncharacterized protein
O94826	HUMAN Mitochondrial import receptor subunit TOM70

AASS	-0.1	-0.7	-1.0	-1.0	-0.2	-0.2	-1.0	-0.3	3	16
NA	-0.1	0.1	-1.1	-1.7	0.1	0.8	-0.1	1.2	5	8
KRT79	-0.6	-0.4	-0.8	-0.9	-1.1	-2.2	0.0	6.9	4	4
NDUFV3	-0.8	-0.2	-0.8	-0.9	0.6	-0.4	-0.5	-0.1	14	13
EFHD1	-0.2	-0.1	-1.0	-1.5	0.9	1.0	0.0	0.6	2	1
MYL7	0.5	-0.4	-1.3	-1.6	2.4	0.0	-0.7	-1.8	3	3
NA	-1.3	-1.0	-0.4	0.0	-0.5	-0.7	0.4	1.8	1	1
CLPB	-1.0	-0.3	-0.7	-0.7	-1.6	-2.0	-0.7	-0.5	1	1
PGRMC2	-0.9	-0.9	-0.5	-0.5	-0.3	0.4	0.6	0.9	8	7
MAPRE2	-1.0	-1.2	-0.6	0.0	-1.6	-0.9	-1.5	-2.2	4	2
YWHAE	-0.9	-1.2	-0.5	-0.1	-0.5	-0.5	0.1	-0.9	12	9
NA	-0.3	-0.1	-1.2	-1.2	-0.1	0.4	0.4	0.3	2	1
PUS7	-0.5	-1.1	-0.8	-0.3	-0.8	0.5	-0.5	-1.2	1	1
ERCC6	-0.1	0.0	-1.3	-1.4	0.4	0.6	-0.9	-1.2	1	1
LOC100625120	-0.7	-0.6	-0.8	-0.6	-0.1	-0.3	0.7	0.0	1	1
AZI1	0.7	-0.1	-1.6	-1.8	-1.5	-1.4	-1.4	-0.3	1	2
LDHAL6A	-1.0	-0.8	-0.4	-0.6	0.6	-0.3	0.9	0.7	1	1
DHRS4	-0.2	-0.4	-1.2	-1.0	-0.5	0.4	1.5	1.5	10	12
APOO	-0.7	-0.5	-0.8	-0.7	-0.9	-0.8	-0.7	-0.1	6	6
SCAMC-1	-0.5	-0.7	-0.8	-0.8	-2.0	-3.1	-0.7	0.1	1	1
ME3	-0.8	-0.4	-0.6	-1.0	-0.9	-0.9	-0.8	-0.7	5	10
PGRMC1	-0.8	-0.6	-0.9	-0.5	-0.5	0.2	-0.4	0.6	9	6
LOC100520312	0.5	-0.5	-1.1	-1.6	-0.8	-0.5	-1.5	-0.9	2	3
CPNE1	-0.6	-0.8	-0.8	-0.6	0.5	0.6	-1.2	-1.2	1	1
TN-X	-0.8	-1.1	-0.7	-0.2	-1.3	-0.8	0.2	-0.3	1	3
CCDC127	-0.6	-0.9	-0.8	-0.6	1.4	1.4	0.6	0.0	1	1
ISOC1	-0.3	-0.9	-1.0	-0.6	-0.5	-0.7	-0.1	-0.6	5	5
C14orf105	-0.5	-1.2	-0.8	-0.3	-0.5	-0.4	1.2	3.5	1	1
NUP93	-0.1	-0.9	-1.0	-0.8	-0.1	-0.7	-0.5	-0.2	2	1
GLOD4	-0.9	-0.8	-0.7	-0.5	-0.2	0.3	0.4	-0.4	9	8
RPAP1	-0.8	-1.7	-0.5	0.2	-0.5	0.8	-0.2	0.6	1	1
ISOC2	-0.6	-0.5	-0.7	-1.1	0.7	-0.1	-0.5	-1.0	1	1
ACSS3	-0.4	-0.5	-1.1	-0.8	-0.2	0.6	-2.7	0.3	7	11
UIMC1	-0.3	-0.3	-1.1	-1.2	0.9	0.0	0.2	0.6	1	1
PRNP	-0.5	-0.6	-0.9	-0.8	-0.1	-0.4	0.5	0.5	1	1
RYR2	-0.4	-0.6	-0.9	-0.9	-0.7	-1.2	-1.3	-0.6	21	72
MARC2	-0.4	-1.2	-0.9	-0.4	0.1	0.2	0.7	1.7	1	1
TRMT5	-0.3	0.1	-1.0	-1.6	-1.2	-1.6	-1.2	-1.4	1	1
AHNAK	-1.5	-0.9	-0.7	0.2	0.5	2.1	1.9	2.1	65	61
TOMM70A	-0.8	-1.2	-0.7	-0.2	-1.2	-1.0	-1.0	0.7	7	10

R4JU57	PIG LSm14A	LSm14A	-0.6	-0.4	-1.0	-0.8	-0.8	-1.1	-0.5	-0.4	2	2
G5EA44	HUMAN Chromosome 12 open reading frame 43, isoform CRA	C12orf43	-0.6	-0.9	-0.7	-0.7	0.5	1.1	0.4	0.1	1	1
F1S227	PIG Uncharacterized protein	PTRH2	-1.0	-0.7	-0.7	-0.4	0.2	0.1	-1.1	-0.4	1	2
I3LHV8	PIG Uncharacterized protein (Fragment)	NA	-0.4	-0.8	-0.8	-0.8	1.3	1.8	0.8	0.1	2	1
F1RJM8	PIG Uncharacterized protein (Fragment)	ABHD11	-0.1	-0.5	-1.2	-1.1	0.1	-0.1	0.0	-0.5	5	5
F1SM39	PIG Uncharacterized protein	ALPK2	-0.5	-0.5	-1.0	-0.9	-0.9	-0.4	0.3	-0.1	1	2
F1S7V6	PIG Uncharacterized protein	PPP1R14C	0.0	-1.3	-0.9	-0.6	3.0	1.7	3.3	4.2	1	1
F1SSG1	PIG Uncharacterized protein	YKT6	-1.8	-2.1	0.0	0.9	0.8	1.0	0.4	0.5	2	1
O15078	HUMAN Centrosomal protein of 290 kDa	CEP290	-1.2	-1.3	-0.8	0.4	0.6	0.2	0.5	-1.6	1	1
F1SQG5	PIG Uncharacterized protein	COPS2	-0.4	-1.1	-0.8	-0.5	0.7	0.2	-1.1	-1.8	4	3
Q0QEM6	PIG ATP synthase subunit beta (Fragment)	ATP5B	0.2	0.2	-1.3	-2.0	0.8	0.2	0.4	-1.9	38	37
P07802	PIG cAMP-dependent protein kinase type I-alpha regulatory subunit	PRKAR1A	-0.6	-0.8	-0.8	-0.7	-0.1	0.5	-0.1	-0.4	15	11
F1RK50	PIG Uncharacterized protein (Fragment)	LOC100513918	-0.6	-0.2	-1.2	-0.9	-0.3	0.0	-1.1	0.1	1	3
F1RU84	PIG Uncharacterized protein	C6orf136	-0.8	-1.0	-0.6	-0.6	-1.2	-0.4	0.3	-0.5	2	1
F1SCK4	PIG Uncharacterized protein	NA	-0.7	-0.8	-1.1	-0.4	0.3	0.0	-0.6	0.4	1	1
F1S7T0	PIG Uncharacterized protein	MYOC	-0.7	-0.7	-0.8	-0.8	-1.7	-0.1	-2.2	0.0	1	1
I3LFI3	PIG Uncharacterized protein	NDRG2	0.1	-0.6	-1.2	-1.2	0.7	-0.2	-0.8	-0.5	6	6
F1RF63	PIG Uncharacterized protein	LOC100524945	-0.1	-1.3	-0.7	-0.8	-0.5	-0.9	-0.6	-0.6	1	1
F1SPF3	PIG Uncharacterized protein	MCM2	-1.8	2.1	-1.6	-1.7	-0.7	-0.4	-0.9	-0.9	1	1
I3LUD5	PIG Uncharacterized protein	UBXN1	-1.2	-0.8	-0.7	-0.3	0.2	-0.2	-1.3	-3.5	3	1
A7E1T5	PIG Putative uncharacterized protein (Fragment)	NA	-1.3	-1.3	-0.3	-0.1	0.9	0.9	0.3	1.1	3	1
Q9H867-2	HUMAN Isoform 2 of Protein-lysine methyltransferase METTL21D	VCPKMT	-0.5	-0.2	-0.8	-1.5	-2.0	-0.6	-0.2	0.6	1	1
Q5RLR3	PIG Heat shock 10kDa protein 1 (Fragment)	NA	-0.5	0.1	-1.4	-1.2	1.4	0.8	0.7	0.6	4	3
P15311	HUMAN Ezrin	EZR	-1.6	-1.7	-0.2	0.5	-0.4	-1.1	-0.1	1.1	4	5
P55268	HUMAN Laminin subunit beta-2	LAMB2	-0.8	-0.8	-0.7	-0.6	-2.0	-2.4	-1.8	-0.7	5	5
K7EQW8	HUMAN Tropomyosin alpha-4 chain (Fragment)	TPM4	0.3	0.8	-1.8	-2.4	3.3	1.6	-0.1	-3.1	2	1
I3LFC2	PIG Uncharacterized protein	DUT	-0.6	-1.1	-0.6	-0.7	-1.3	-0.7	-0.4	0.4	1	1
Q8WX94	HUMAN NACHT, LRR and PYD domains-containing protein 7	NLRP7	0.0	-0.4	-1.1	-1.5	-1.5	-1.5	-0.8	1.1	1	1
F1SKM0	PIG Uncharacterized protein	UQCRC1	-0.5	-0.2	-0.9	-1.4	-0.6	-0.7	-1.0	-1.7	22	20
F1S300	PIG Uncharacterized protein	TPR	-0.7	-1.0	-0.5	-0.8	1.3	1.2	0.1	0.8	2	2
M3VH65	PIG Mitochondrial mitofusin 1	MFN1	-0.6	-0.9	-1.0	-0.5	-0.3	0.6	-0.2	-1.2	1	1
P46779	HUMAN 60S ribosomal protein L28	RPL28	-1.3	-1.9	-0.4	0.6	-1.0	-0.1	0.8	1.5	3	3
F2Z514	PIG 40S ribosomal protein S27 (Fragment)	RPS27	-1.0	-0.9	-0.7	-0.4	0.4	0.1	0.1	1.0	3	1
A1XQS2	PIG Mitochondrial import receptor subunit TOM7 homolog	TOMM7	-0.8	-1.1	-0.6	-0.4	0.0	-0.4	-0.2	1.0	1	1
I3LHQ3	PIG Uncharacterized protein (Fragment)	NA	-0.9	-0.4	-0.8	-0.9	-0.4	0.0	0.1	-1.0	1	1
F1SDT0	PIG Uncharacterized protein (Fragment)	LOC100155350	-0.1	-0.8	-1.1	-1.0	-0.5	-1.0	-1.1	0.7	3	4
F1S847	PIG Uncharacterized protein	INA	-0.9	-1.2	-0.5	-0.5	-1.0	-0.9	2.4	-0.8	1	1
F1S6G5	PIG Uncharacterized protein	BTF3L4	-1.0	-1.2	-0.7	-0.1	-0.1	0.1	0.3	-0.4	1	1
Q7JFN4	PIG Calcium/calmodulin-dependent protein kinase II isoform gamma-B	CAMK2G	-0.7	-0.8	-0.9	-0.5	-0.1	0.7	-0.8	-0.9	3	6
Q8TE57	HUMAN Fas-binding factor 1	FBF1	-0.3	-0.6	-1.0	-1.2	-1.2	-0.8	-0.5	0.1	2	1

Q96Q04	HUMAN Serine/threonine-protein kinase LMTK3	LMTK3	-0.9	-1.2	-0.9	-0.1	-0.2	0.1	0.6	1.5	3	1
I3LNP9	PIG Uncharacterized protein (Fragment)	BZW2	-1.3	-1.1	-0.5	-0.1	-1.0	-0.6	-1.7	-0.6	4	4
I3LD20	PIG Dystroglycan	DAG1	-1.0	-0.4	-0.9	-0.8	-0.3	0.1	0.2	1.5	8	8
I3LCX3	PIG Uncharacterized protein	DUSP3	-0.5	-1.1	-0.7	-0.8	0.5	-0.2	-0.4	-0.8	6	6
B3VFA9	PIG Troponin I skeletal slow-twitch protein	TNNI1	-0.5	-0.7	-1.2	-0.8	2.0	0.7	-0.4	-0.7	1	3
B9TX04	HUMAN Mediator complex subunit MED16 variant MED16	MED16	0.6	-0.7	-1.1	-1.8	0.8	0.5	-0.5	-1.7	1	1
Q9UI47	HUMAN Catenin alpha-3	CTNNA3	-0.9	-0.8	-0.6	-0.7	-1.0	-1.1	-0.8	0.0	3	10
F1SRQ0	PIG Uncharacterized protein (Fragment)	NDUFB2	0.0	-0.5	-1.1	-1.4	0.1	-0.4	-0.9	0.1	1	1
F1S6Q7	PIG ATP synthase subunit delta, mitochondrial	ATP5D	-0.1	0.6	-1.6	-2.1	2.7	0.9	-0.4	-1.7	3	3
Q9HAU6	HUMAN Putative apoptosis inhibitor FKSG2	FKSG2	-1.9	-1.2	-0.1	0.2	0.5	1.9	-0.4	-0.6	1	1
I3LP66	PIG Uncharacterized protein	SLC19A1	0.1	-0.6	-1.4	-1.2	0.4	0.1	-0.7	-0.3	1	1
F1SJE6	PIG Uncharacterized protein (Fragment)	LOC100512151	-0.3	-1.1	-1.0	-0.7	-0.2	0.1	1.1	0.4	9	13
Q13813-2	HUMAN Isoform 2 of Spectrin alpha chain, non-erythrocytic 1	SPTAN1	-0.9	-1.0	-0.9	-0.3	-0.3	-0.6	-1.1	1.4	1	1
F1S485	PIG Uncharacterized protein	EPB41L1	-0.8	-0.9	-1.0	-0.4	-0.6	0.7	-0.5	-0.7	1	1
F1SJVO	PIG Uncharacterized protein	BUD13	-1.2	-1.5	-0.5	0.1	0.5	0.8	1.0	0.3	2	1
Q7YS30	PIG F1F0-ATP synthase complex g subunit-like protein (Fragment)	NA	-0.8	-0.4	-1.0	-0.9	-0.8	-0.1	0.4	0.5	2	2
F1SA52	PIG Uncharacterized protein	KANK3	-1.1	-1.0	-0.8	-0.1	-0.6	0.2	-0.4	1.8	2	2
M3TYS2	PIG Nucleoporin like 1 tv2	NUPL1	-0.1	0.2	-1.4	-1.8	-1.8	-1.3	-1.5	-1.0	2	1
Q92833	HUMAN Protein Jumonji	JARID2	-0.1	-0.9	-1.3	-0.9	2.5	-0.5	-1.7	-1.3	2	1
I3L9P1	PIG Uncharacterized protein	CCDC48	-0.8	-1.1	-1.0	-0.2	-0.2	0.0	-0.1	1.5	1	2
B4DI95	HUMAN cDNA FLJ52955, moderately similar to Homo sapiens solute carrier family 25 (SLC25A24)	NA	-0.9	-0.4	-0.9	-1.0	1.2	0.8	-0.5	-0.2	1	2
P55931	PIG Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial	ETFDH	-0.5	-0.4	-1.0	-1.2	-1.2	-1.0	-0.7	-0.1	19	20
I3LR51	PIG Uncharacterized protein	FKBP3	-0.8	-1.5	-0.7	-0.1	0.1	0.3	-0.1	0.2	3	3
Q96T83	HUMAN Sodium/hydrogen exchanger 7	SLC9A7	0.4	-1.8	-1.0	-0.7	-2.5	-2.7	-2.5	-1.1	1	1
K7GR70	PIG Uncharacterized protein	LOC100737114	-1.2	-1.3	-0.5	-0.1	-0.5	-0.4	-0.5	0.6	1	1
F1SFY0	PIG Uncharacterized protein	E2F8	-0.8	-0.3	-0.8	-1.2	-1.3	-1.0	-1.2	-0.7	2	1
O79875	PIG NADH-ubiquinone oxidoreductase chain 2	MT-ND2	0.0	0.0	-1.7	-1.5	-1.1	-0.2	-0.8	0.1	2	2
F1SHH0	PIG Uncharacterized protein	NPAS3	-1.7	-0.4	-0.7	-0.4	0.1	-0.8	-0.5	0.4	1	1
Q9P0D3	HUMAN HSPC103 (Fragment)	NA	-0.1	-0.3	-1.4	-1.3	-0.8	-0.5	-0.5	0.3	1	1
F1S3G5	PIG Peptidyl-prolyl cis-trans isomerase NIMA interacting 1	PIN1	-1.1	-0.9	-0.5	-0.7	-0.5	-0.3	0.1	0.2	2	2
Q8N5G0	HUMAN Small integral membrane protein 20	SMIM20	-0.4	-1.0	-1.0	-0.8	0.7	1.2	0.6	0.1	1	1
F1SNR5	PIG Uncharacterized protein (Fragment)	OTUD7A	-1.0	-0.7	-0.8	-0.6	-1.5	-1.0	-0.6	0.5	2	1
Q14BN4	HUMAN Sarcolemmal membrane-associated protein	SLMAP	-1.1	-0.4	-0.7	-0.9	-0.7	-0.2	0.4	1.3	20	22
I3LDG8	PIG Uncharacterized protein	NA	-2.1	-1.1	-0.5	0.7	0.9	0.1	-0.1	0.1	2	1
Q9UNH7	HUMAN Sorting nexin-6	SNX6	-1.3	-0.8	-0.7	-0.3	-0.3	0.3	-0.5	0.0	7	2
K7GSS3	PIG Uncharacterized protein (Fragment)	ANK3	-0.3	-1.1	-1.0	-0.8	0.3	0.2	-0.7	-0.1	13	22
F1SAR5	PIG Uncharacterized protein	GLRX5	-0.3	-0.8	-1.0	-1.1	0.7	0.8	-0.2	-1.7	5	2
F1S9K7	PIG Uncharacterized protein	SLC30A10	-0.4	-0.9	-1.0	-0.8	-0.8	-1.1	-0.9	0.0	1	1
I3LVD1	PIG Uncharacterized protein	LOC100626596	-0.3	-0.8	-1.0	-1.0	0.4	0.6	-0.2	0.6	8	9
F1S6W7	PIG Uncharacterized protein (Fragment)	USP47	-0.4	-0.9	-1.0	-0.9	-0.4	0.2	0.1	0.5	1	1

I3L8Q2	PIG Uncharacterized protein
F1S1E1	PIG Uncharacterized protein
F1S297	PIG Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial
F1S009	PIG Uncharacterized protein
P32418	HUMAN Sodium/calcium exchanger 1
Q4VK66	PIG Glycogen synthase 1 (Fragment)
P19367	HUMAN Hexokinase-1
H9TUB4	PIG UME3A
I3LD98	PIG Uncharacterized protein
Q9NZ45	HUMAN CDGSH iron-sulfur domain-containing protein 1
I3LCZ7	PIG Uncharacterized protein (Fragment)
Q94PW4	PIG ATP synthase protein 8
Q864B5	PIG PDJA1 chaperone
F1S6V0	PIG Uncharacterized protein
I3LS16	PIG NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2
F1RWN4	PIG 14 kDa phosphohistidine phosphatase
Q92527	HUMAN Ankyrin repeat domain-containing protein 7
Q9UQB3	HUMAN Catenin delta-2
F1SSI2	PIG Uncharacterized protein
P05165	HUMAN Propionyl-CoA carboxylase alpha chain, mitochondrial
O75335	HUMAN Liprin-alpha-4
F1SBQ5	PIG Solute carrier family 16, member 1 (Monocarboxylic acid transporter 1) tv1
Q28945	PIG Gi-alpha-1 protein (Fragment)
F1S8Q4	PIG Uncharacterized protein
F1RF76	PIG Uncharacterized protein
B4DR72	HUMAN cDNA FLJ59963, highly similar to Homo sapiens multiple substrate lipid kinase (MULK)
Q29101	PIG Gap junction alpha-1 protein
F1S3H7	PIG Uncharacterized protein
F1RR64	PIG Uncharacterized protein
Q1EG61	PIG Mannose-P-dolichol utilization defect 1
F1RL81	PIG Uncharacterized protein
I3LQ54	PIG Uncharacterized protein
G9F6X6	PIG Mitochondrial heat shock 60 kDa protein 1
I3L9U0	PIG Uncharacterized protein (Fragment)
Q1S785	HUMAN Mitochondrial import receptor subunit TOM34
F1SS66	PIG Uncharacterized protein
F1SLF0	PIG Uncharacterized protein
F1S765	PIG Uncharacterized protein
F1RK90	PIG Uncharacterized protein
F1RK48	PIG Uncharacterized protein (Fragment)

PHF23	0.2	-0.8	-1.0	-1.6	-0.7	-0.8	-1.9	-0.3	1	1
DCAF13	-0.1	-0.8	-0.8	-1.4	-0.9	-1.0	0.0	-0.4	1	1
IDH3G	-0.1	-1.1	-1.1	-0.9	-0.1	-0.3	-0.5	-0.7	10	11
HEXDC	-0.6	-1.3	-0.8	-0.5	-0.5	0.0	0.6	1.4	1	1
SLC8A1	-0.7	-0.9	-0.9	-0.7	-0.6	-0.4	-0.1	0.3	12	11
NA	-0.4	-1.1	-0.8	-0.9	-1.7	-1.5	-1.1	-0.5	2	4
HK1	-0.6	-0.6	-0.9	-1.1	-0.9	-0.5	0.0	-0.2	1	1
NA	-1.3	-0.8	-0.6	-0.5	0.7	0.6	-0.9	0.2	1	2
ANKRD50	-0.5	-0.7	-0.9	-1.1	-0.3	-0.6	-2.0	-0.7	1	1
CISD1	-0.7	-0.5	-0.9	-1.1	-1.6	-1.2	-0.5	0.9	1	1
NA	-1.1	-1.1	-1.0	0.1	-0.5	-0.7	-1.1	0.2	1	1
ATPase 8	-0.5	-0.1	-1.1	-1.6	-0.7	1.2	2.3	1.8	2	2
DNAJA4	-1.0	-1.1	-0.7	-0.3	-0.3	0.2	-0.3	-0.1	9	7
SWAP70	-1.4	-1.4	-0.6	0.1	-0.6	-0.5	-0.1	0.8	5	2
LOC100515604	-0.6	-0.1	-1.0	-1.6	-1.0	-0.9	-1.6	0.7	4	5
PHPT1	-1.0	-1.0	-0.7	-0.6	1.0	1.7	1.9	1.1	2	2
ANKRD7	-0.5	-0.6	-1.4	-0.7	-1.1	-0.2	-0.4	1.5	1	1
CTNND2	-0.6	-0.8	-1.2	-0.6	1.1	1.9	1.5	0.9	1	1
DHRS7	-1.1	-1.1	-0.7	-0.4	-1.5	-1.2	-1.3	-0.3	6	7
PCCA	-0.9	-0.6	-0.7	-1.1	-1.3	-1.5	-1.3	-0.5	8	10
PPFIA4	-0.7	-0.7	-0.7	-1.1	0.1	0.6	0.1	-1.5	1	2
SLC16A1	-1.2	-0.3	-0.9	-0.9	-1.8	-1.0	-1.3	1.3	9	7
NA	0.3	-1.2	-1.2	-1.2	0.1	0.6	0.6	0.3	1	1
ADCK3	0.0	-1.2	-1.2	-0.8	-0.4	-0.7	-1.0	-0.6	11	11
MFN2	-0.9	-0.9	-0.9	-0.6	-0.7	-0.5	-0.6	-0.4	2	7
NA	-0.9	-0.7	-0.9	-0.8	-0.3	0.1	0.6	1.6	1	1
GJA1	-0.8	-0.8	-0.9	-0.8	0.1	0.4	0.9	1.1	2	3
LOC100156930	-0.4	-0.8	-1.1	-1.0	0.2	0.8	0.6	1.0	3	3
ENDOG	0.0	-0.6	-1.2	-1.6	-0.1	-0.1	-0.4	-1.6	4	5
LOC733696	-1.1	-0.4	-0.7	-1.1	-0.5	-1.4	-1.5	-0.3	1	1
HSD17B14	-0.6	-1.4	-0.9	-0.4	-0.1	-0.5	0.3	-0.4	1	1
NA	-0.9	-1.2	-1.0	-0.2	-1.0	-0.3	0.4	-0.7	2	5
NA	-0.9	-0.3	-1.1	-1.1	-0.7	-0.6	-1.5	-1.4	1	1
MYL5	0.4	0.6	-1.6	-2.7	1.8	0.0	-1.6	-5.0	1	1
TOMM34	-0.2	-1.2	-1.2	-0.7	-1.2	-0.5	-0.1	-0.1	1	1
MYH13	-0.6	-0.5	-1.0	-1.2	-1.5	-0.1	-0.8	0.9	4	7
SPR	-0.8	-1.0	-0.9	-0.6	0.7	0.7	-0.2	-0.9	8	9
C1orf123	-1.0	-0.9	-0.8	-0.7	-0.9	-0.8	-0.6	-1.4	1	2
PPL	-0.4	-1.5	-0.8	-0.6	6.2	-0.2	0.6	0.5	2	1
SRL	-0.3	-0.2	-1.3	-1.6	-0.3	-0.6	-1.5	-0.3	23	21

Q9GJV4	PIG Four and a half LIM domains 1 protein, isoform C
F1RZU8	PIG Uncharacterized protein (Fragment)
F1RR78	PIG Uncharacterized protein
B1PK12	PIG Branched chain keto acid dehydrogenase E1 alpha polypeptide
F1SU36	PIG Uncharacterized protein (Fragment)
F1SSH3	PIG Uncharacterized protein
F1RFM8	PIG Uncharacterized protein (Fragment)
Q9HBL0	HUMAN Tensin-1
I3LU95	PIG Uncharacterized protein
Q6UY01	HUMAN Leucine-rich repeat-containing protein 31
F1SHD7	PIG Uncharacterized protein (Fragment)
F1SIV3	PIG Uncharacterized protein
F1RWX5	PIG Uncharacterized protein (Fragment)
Q5VTT5	HUMAN Myomesin-3
P31152	HUMAN Mitogen-activated protein kinase 4
F1RHN3	PIG Catechol O-methyltransferase
Q6Q2C2	PIG Bifunctional epoxide hydrolase 2
B6CVL5	PIG High mobility group AT-hook 1 transcript variant 2
I3LS02	PIG Uncharacterized protein
A6NFB4	HUMAN Chorionic somatomammotropin hormone
P16960	PIG Ryanodine receptor 1
K9IWG9	PIG Tensin-1
F1SD78	PIG Uncharacterized protein
A5GZW8	PIG Succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial
F1S8G3	PIG Uncharacterized protein
F2Z565	PIG Uncharacterized protein
F1S2X3	PIG Uncharacterized protein (Fragment)
F1RSZ3	PIG Uncharacterized protein
F1RK61	PIG Uncharacterized protein
A6NC97	HUMAN Putative protein FAM172B
F1SD90	PIG Uncharacterized protein
Q8IYY4	HUMAN Zinc finger protein DZIP1L
I3LNT5	PIG Uncharacterized protein
Q01814	HUMAN Plasma membrane calcium-transporting ATPase 2
I3LSM7	PIG Uncharacterized protein (Fragment)
Q15230	HUMAN Laminin subunit alpha-5
H0YAJ8	HUMAN Rap guanine nucleotide exchange factor 2 (Fragment)
I3LE12	PIG Uncharacterized protein
P81140	PIG Glutaryl-CoA dehydrogenase, mitochondrial (Fragment)
I3LJ88	PIG Uncharacterized protein

fhl1C	-1.6	-2.1	-0.4	0.8	-2.0	0.5	1.0	0.6	3	4
DST	-0.8	0.3	-1.8	-1.1	0.1	0.2	1.5	-0.3	4	4
LOC100049693	-0.9	-1.1	-0.8	-0.5	-0.7	-0.5	-0.5	1.0	149	149
NA	-0.1	-0.6	-1.3	-1.3	-0.6	-1.6	-1.8	-2.0	6	5
SNRNP200	-1.2	-1.3	-0.8	-0.1	-0.6	1.0	0.8	-0.2	1	1
NA	-0.2	-1.0	-1.0	-1.1	2.1	2.5	-0.3	-0.3	1	3
DNAH10	-0.5	-0.9	-1.0	-1.0	-0.2	-0.1	0.0	0.7	2	2
TNS1	-0.6	0.0	-1.2	-1.5	-0.8	-1.2	-1.1	-0.1	1	1
PDS5A	-1.8	-0.9	-0.5	-0.1	-0.8	-1.0	-0.4	-0.5	1	1
LRRC31	-1.0	-0.9	-0.4	-1.0	-0.9	-1.3	-1.1	-0.5	1	1
NDUFS1	-0.4	-0.3	-1.2	-1.5	-0.2	-0.1	-0.8	-1.0	34	32
LOC100155298	-0.9	-1.1	-0.6	-0.7	2.8	1.2	-1.9	-4.1	4	2
WRNIP1	-1.5	-1.2	-0.2	-0.4	0.3	1.1	-0.4	-0.9	2	2
MYOM3	-0.5	-1.0	-0.9	-1.0	-0.8	-0.8	-0.7	0.0	13	18
MAPK4	-3.0	-1.5	-0.1	1.2	-1.5	-0.9	-1.2	0.6	1	1
COMT	-0.4	-1.5	-0.9	-0.6	0.6	-0.2	0.2	0.4	3	2
EPHX2	-0.8	-1.1	-0.7	-0.8	-0.1	-0.6	-0.2	-0.5	4	4
HMG1A1	-1.3	-0.2	-1.2	-0.7	0.7	1.3	2.3	4.8	2	1
NA	-1.6	-1.2	-0.7	0.0	-0.5	-0.7	0.2	0.5	2	5
CSH1	-0.4	-0.2	-1.2	-1.6	-0.8	0.2	-1.0	-1.7	1	1
RYS1	-0.8	-1.0	-0.7	-0.8	-1.5	-1.4	-1.0	-0.4	2	3
TNS1	-0.5	-1.1	-1.1	-0.7	-0.4	0.3	-0.1	0.4	9	8
MRI1	-1.5	-1.3	-0.6	0.0	-0.6	1.6	0.6	1.1	1	2
SDHD	-0.7	-0.8	-0.9	-1.0	-1.5	-1.0	-0.6	0.2	3	2
MRPS33	-0.9	-0.7	-1.1	-0.7	-1.2	-1.3	-1.4	-0.3	1	1
LOC100158185	-1.3	-0.4	-0.7	-1.0	-2.4	-0.9	-0.6	0.1	7	5
LOC100512509	-0.5	-0.3	-1.1	-1.5	-0.7	0.0	-2.1	-1.7	5	2
ACSL1	-0.7	-0.8	-0.9	-1.0	0.1	0.5	-0.1	0.8	2	2
UFD1L	-0.1	-0.6	-1.2	-1.5	-0.2	0.1	-0.5	1.0	1	1
FAM172BP	-0.9	-1.9	-0.5	-0.2	-0.2	0.1	0.3	0.2	1	1
SMEK1	-1.1	-1.0	-2.6	1.2	1.2	-2.3	4.8	2.1	1	1
DZIP1L	-1.0	-1.3	-1.1	-0.1	3.9	0.1	0.8	0.9	2	1
NA	-0.8	-0.1	-1.4	-1.2	-0.4	-1.3	-1.4	0.4	1	1
ATP2B2	-1.8	-1.7	-0.3	0.3	0.8	2.6	1.3	-0.1	1	1
IMMT	-0.9	-0.6	-0.9	-1.1	-1.5	-1.3	-1.0	0.5	41	46
LAMA5	-1.8	-1.4	-0.3	0.0	-1.3	-1.1	0.3	-0.2	3	5
RAPGEF2	-0.5	-1.2	-0.8	-0.9	-1.5	-1.5	-1.0	-1.1	1	1
HSD17B12	-1.1	-1.3	-0.8	-0.2	-0.8	-1.0	-1.5	0.2	2	3
GCDH	-0.3	-0.1	-1.4	-1.5	-0.8	-1.2	-2.4	-1.9	6	5
TMOD1	-0.6	-0.7	-1.0	-1.2	0.1	0.2	-1.1	-1.4	19	18

F1SAM3	PIG Uncharacterized protein (Fragment)
F1SLF4	PIG Uncharacterized protein
A0AV96-2	HUMAN Isoform 2 of RNA-binding protein 47
F1RRH0	PIG Uncharacterized protein
Q9BRK3	HUMAN Matrix-remodeling-associated protein 8
F1S006	PIG Uncharacterized protein
F1RLE1	PIG Uncharacterized protein
I3LNI1	PIG Uncharacterized protein (Fragment)
F1SHU0	PIG Uncharacterized protein (Fragment)
B4DVU9	HUMAN cDNA FLJ54389, highly similar to Heat shock 70 kDa protein 1
F1SUR2	PIG Uncharacterized protein
I3LBV8	PIG Uncharacterized protein (Fragment)
O60432	HUMAN F02569
Q09136	PIG 5'-AMP-activated protein kinase catalytic subunit alpha-1 (Fragments)
F1RZP9	PIG Uncharacterized protein (Fragment)
F1RGV4	PIG Uncharacterized protein
Q9GJT2	PIG S-formylglutathione hydrolase
Q14849	HUMAN StAR-related lipid transfer protein 3
P26234	PIG Vinculin
I3LDL4	PIG Uncharacterized protein
P41367	PIG Medium-chain specific acyl-CoA dehydrogenase, mitochondrial
Q864Y5	PIG Small heat shock protein B3 (Fragment)
F1RR97	PIG Ubiquinone biosynthesis protein COQ4 homolog, mitochondrial
Q9UKX3	HUMAN Myosin-13
F1SBU8	PIG Uncharacterized protein
I3L660	PIG Profilin (Fragment)
Q07414	HUMAN Tropomyosin (Fragment)
F1SU55	PIG Uncharacterized protein
F1RJ58	PIG Uncharacterized protein (Fragment)
Q92556	HUMAN Engulfment and cell motility protein 1
K7GKB6	PIG Uncharacterized protein
F1SKM5	PIG Uncharacterized protein
Q0QF01	PIG Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial
Q1T7A8	PIG Type VI collagen alpha-1 chain (Fragment)
I3LNZ2	PIG Uncharacterized protein
F1SPP5	PIG Uncharacterized protein
P12111	HUMAN Collagen alpha-3(VI) chain
F1SGT3	PIG Uncharacterized protein
I3LFH3	PIG Rho-associated protein kinase
I3LRD5	PIG Uncharacterized protein

CDH2	-0.6	-0.6	-1.1	-1.2	0.5	0.9	-0.3	-0.7	15	14
SMYD5	-0.8	-0.9	-1.0	-0.8	1.7	1.9	-1.0	0.2	2	1
RBM47	-0.1	-0.8	-1.1	-1.4	-0.6	-0.3	-0.2	0.8	1	1
EOMES	-1.0	-1.0	-0.8	-0.6	0.2	0.3	1.7	0.7	1	1
MXRA8	-0.3	-0.2	-1.0	-2.0	-1.5	0.3	0.0	1.6	1	1
FN3K	-0.8	-0.8	-1.1	-0.8	-1.2	-0.6	-0.5	-0.3	1	1
COMMD10	0.0	-0.7	-1.4	-1.4	-1.4	-1.5	-1.1	-1.2	1	1
NA	-1.3	-1.0	-0.8	-0.4	0.6	0.0	0.0	-0.6	1	2
LOC100516841	-0.2	-0.7	-1.3	-1.2	0.0	0.3	0.1	-1.2	3	4
NA	-0.5	-0.6	-1.2	-1.2	-0.1	-0.7	-1.0	0.0	1	1
P4HA3	-0.1	-1.2	-1.2	-1.0	-0.2	-0.2	0.1	-0.4	1	1
PPFIA3	-0.8	-1.8	-0.8	-0.1	-0.2	-0.6	-0.3	-0.9	2	2
NA	-0.9	-1.4	-0.5	-0.7	-0.2	0.5	2.7	1.9	1	1
PRKAA1	-1.3	-1.3	-0.9	-0.1	-1.3	-1.8	-0.3	-0.5	1	2
MICAL1	-0.8	-0.9	-0.9	-0.9	0.8	-0.3	0.6	0.2	2	1
DECR2	-0.3	-1.2	-1.0	-1.0	-0.7	-1.2	-1.3	0.0	1	1
ESD	-1.6	-1.4	-0.6	0.1	-1.0	-1.0	-0.3	0.2	6	5
STARD3	-0.2	0.2	-1.6	-1.9	-1.0	0.0	-1.1	0.2	1	1
VCL	-0.9	-1.3	-1.0	-0.4	-0.6	-0.2	0.2	0.7	71	74
UNC80	-0.1	-0.7	-1.3	-1.4	1.6	0.6	-0.7	-2.5	1	2
ACADM	0.0	-0.6	-1.6	-1.3	-0.4	0.9	0.5	-0.3	15	16
HSPB3	-1.3	-1.0	-0.7	-0.5	0.2	0.2	0.0	-0.7	4	3
LOC100156776	-0.8	-1.2	-1.0	-0.5	0.1	-0.2	-1.1	-1.0	1	2
MYH13	-0.8	-0.7	-0.9	-1.1	-2.1	-2.0	-1.5	-0.2	5	5
C19orf70	-0.5	-0.7	-1.1	-1.4	0.1	-0.1	-0.4	-0.3	1	1
PFN2	-0.7	-1.6	-1.0	-0.3	-0.4	0.1	-0.7	-0.5	4	3
NA	-0.5	-0.8	-1.1	-1.1	0.1	-0.4	0.3	1.1	1	1
SYNPO2L	-1.0	-1.0	-0.8	-0.8	0.2	0.4	0.5	0.0	16	19
NF1	-0.5	-0.7	-1.3	-1.0	-1.5	-0.2	0.2	0.6	1	1
ELMO1	-1.0	-1.4	-1.1	-0.1	-1.2	-1.1	-0.9	-0.5	1	1
BST1	-0.1	-0.7	-1.5	-1.3	-0.1	-0.4	0.7	0.3	1	1
CCDC51	-0.5	-0.8	-1.1	-1.2	0.3	0.3	0.0	1.3	1	1
SDHA	-0.6	-0.5	-1.2	-1.3	-1.5	-1.4	-0.9	-0.5	22	24
COL6A1	-0.9	-1.6	-0.9	-0.1	-0.7	-1.4	-1.3	0.7	2	3
LOC100510904	-0.8	-0.6	-1.3	-0.9	-0.6	0.6	1.6	1.8	4	5
SEMA3F	-0.9	-1.7	-0.8	-0.3	-0.5	0.1	0.1	1.7	2	2
COL6A3	-0.8	-1.4	-1.2	-0.2	-0.5	-0.7	-1.3	0.7	1	1
PDHX	-0.5	-0.1	-1.4	-1.6	-0.2	0.8	0.2	-0.9	18	14
ROCK1	-0.6	-0.7	-1.3	-1.0	49.1	52.4	52.3	49.8	1	1
EIF4H	-0.9	-1.5	-0.9	-0.3	0.3	-0.6	-1.1	-0.7	5	6

P49419	HUMAN Alpha-aminoadipic semialdehyde dehydrogenase	ALDH7A1	-0.6	-0.7	-1.3	-1.0	-1.4	-2.8	-2.4	-1.1	1	1
K9J6I8	PIG Dedicator of cytokinesis 2	DOCK2	-0.8	-1.1	-1.1	-0.6	-0.4	-2.0	-1.5	-0.1	1	1
F1RF45	PIG Uncharacterized protein (Fragment)	HOMER1	-0.8	-1.0	-1.0	-0.9	0.0	0.5	1.0	-0.9	2	1
Q9P2D6	HUMAN Protein FAM135A	FAM135A	-1.0	-1.5	-0.8	-0.4	0.3	0.5	2.0	1.5	1	1
B7U2H0	PIG 1-acylglycerol-3-phosphate O-acyltransferase 8	LCLAT1	-0.7	-0.8	-1.1	-1.1	0.3	-0.5	-0.8	0.1	1	4
I3LN50	PIG Uncharacterized protein	EIF2B3	-1.1	-1.5	-1.0	0.0	-0.5	-0.4	-0.9	0.0	1	1
Q96DR7	HUMAN Rho guanine nucleotide exchange factor 26	ARHGEF26	-0.9	0.1	-1.0	-1.9	-0.2	0.2	-0.5	0.7	1	1
Q27H50	PIG Signaling lymphocytic activation molecule (Fragment)	NA	-1.4	-1.6	-0.5	-0.2	-2.0	-1.5	-1.3	0.1	1	1
Q53LP3	HUMAN Ankyrin repeat domain-containing protein SOWAHC	SOWAHC	-0.5	-0.7	-1.0	-1.5	0.5	0.2	0.1	-1.6	1	1
P48735	HUMAN Isocitrate dehydrogenase [NADP], mitochondrial	IDH2	0.0	-0.9	-1.5	-1.3	0.5	0.2	-0.4	-0.9	2	2
Q13206	HUMAN Probable ATP-dependent RNA helicase DDX10	DDX10	-0.2	-0.7	-1.2	-1.5	0.4	0.2	-0.3	-0.1	1	1
F1SIJ9	PIG Uncharacterized protein (Fragment)	PSAT1	-1.4	-1.8	-0.5	0.0	-1.1	-1.0	-0.4	0.3	1	1
F1SIJ30	PIG Mannose-6-phosphate isomerase	MPI	-0.7	-2.1	-0.8	-0.1	1.6	0.5	0.4	-2.1	2	1
I3L953	PIG Uncharacterized protein (Fragment)	OBSCN	-1.7	-1.2	-0.4	-0.4	-0.1	-1.0	0.1	0.8	10	20
F1RIX8	PIG Uncharacterized protein	CBR4	-0.3	-1.1	-1.1	-1.1	0.2	-1.0	1.1	-0.7	6	6
Q8N163	HUMAN Cell cycle and apoptosis regulator protein 2	CCAR2	0.2	-0.7	-1.4	-1.8	-0.7	-1.1	-1.5	-0.4	1	1
F1SK65	PIG Uncharacterized protein (Fragment)	NA	-1.8	-1.9	0.1	0.0	-1.1	-0.4	2.9	0.4	1	2
Q56P28	PIG PRA1 family protein 3	ARL6IP5	-0.9	-0.9	-1.0	-0.9	-0.5	-0.1	-0.8	-0.4	4	6
F1SNF6	PIG Uncharacterized protein	CHCHD3	-0.9	-0.5	-1.1	-1.2	-1.1	-0.6	0.3	0.7	13	15
P14854	HUMAN Cytochrome c oxidase subunit 6B1	COX6B1	-0.7	-0.1	-1.2	-1.7	-0.6	-0.3	-1.2	-0.5	1	1
F1SRF0	PIG Uncharacterized protein	HHATL	-0.5	-0.9	-1.1	-1.1	-0.2	-0.7	-0.3	0.3	8	10
G9BWQ1	PIG V-akt murine thymoma viral oncogene-like 1	AKT1	-0.4	-0.7	-1.2	-1.3	0.1	-1.0	-1.4	-0.3	1	2
F1RS89	PIG Uncharacterized protein	NA	-1.6	-1.9	-0.5	0.3	0.2	0.4	-0.4	-1.2	1	1
P00819	PIG Acylphosphatase-2	ACYP2	-0.9	-1.4	-0.8	-0.6	-0.7	-0.7	-1.4	0.1	3	6
Q8HY46	PIG Carnitine O-palmitoyltransferase 1, muscle isoform	CPT1B	0.0	-1.0	-1.2	-1.5	-0.5	-0.4	-1.1	-0.4	18	19
F1STB2	PIG Uncharacterized protein	HINT2	-0.3	-0.8	-1.5	-1.2	-0.7	-1.0	-0.9	-1.6	6	5
Q15772	HUMAN Striated muscle preferentially expressed protein kinase	SPEG	-1.1	-0.9	-0.8	-0.9	-0.1	-0.8	-1.2	0.5	2	5
F1S8Y5	PIG Uncharacterized protein	PGAM1	-1.0	-1.6	-0.7	-0.3	0.2	0.0	2.1	-0.6	8	8
Q06AU7	PIG Ras-related protein Rab-1B	RAB1B	-1.7	-1.5	-0.7	0.2	-1.1	-0.9	-1.1	0.8	2	2
Q9NVD7	HUMAN Alpha-parvin	PARVA	-1.4	-1.7	-0.8	0.1	-0.9	-0.4	-1.2	-1.1	2	1
F1S3J2	PIG Uncharacterized protein	PNMA1	-0.6	-0.8	-1.2	-1.1	-0.7	-0.2	-0.5	-1.0	1	1
Q7Z442	HUMAN Polycystic kidney disease protein 1-like 2	PKD1L2	-0.3	-0.6	-1.4	-1.5	-0.7	-0.9	-1.2	-0.4	2	1
Q9HBJ7	HUMAN Ubiquitin carboxyl-terminal hydrolase 29	USP29	-0.2	-0.6	-1.1	-1.8	-0.6	-0.4	-0.7	-0.2	1	1
Q9GL80	PIG Actin-related protein 3 (Fragment)	Arp3	-1.0	-1.6	-0.9	-0.2	0.4	0.2	-0.2	0.7	1	1
E7FLX9	PIG A kinase anchor protein 1	AKAP1	-1.0	-1.4	-1.0	-0.3	0.0	-0.2	0.1	0.9	1	3
Q59E87	HUMAN RalA binding protein 1 variant (Fragment)	NA	-0.4	-0.7	-1.1	-1.5	1.9	0.0	-0.8	-3.3	1	1
E9PG25	HUMAN Coiled-coil domain-containing protein 108	CCDC108	-0.3	-0.8	-1.2	-1.4	-1.4	-1.4	-1.0	-1.5	1	1
F1RIA5	PIG Uncharacterized protein	VPS37C	-1.0	-1.6	-0.8	-0.4	0.4	-0.1	0.9	0.7	1	1
F1SRU4	PIG Uncharacterized protein (Fragment)	SNAPC1	-1.4	-1.2	0.0	-1.0	-3.1	-1.7	-1.0	-1.1	1	1
Q86U44	HUMAN N6-adenosine-methyltransferase 70 kDa subunit	METTL3	-1.0	-1.2	-0.5	-1.1	-0.3	-0.4	0.3	0.8	1	1

F1RT90	PIG Uncharacterized protein (Fragment)
F1SRR8	PIG Uncharacterized protein (Fragment)
Q86W77	HUMAN ANKS3 protein
P67872	PIG Casein kinase II subunit beta
P36542	HUMAN ATP synthase subunit gamma, mitochondrial
F1RUW1	PIG Uncharacterized protein (Fragment)
O60313	HUMAN Dynamin-like 120 kDa protein, mitochondrial
Q99807	HUMAN Ubiquinone biosynthesis protein COQ7 homolog
F1RVM1	PIG Uncharacterized protein
K7GMJ5	PIG Uncharacterized protein
F1RWV4	PIG Uncharacterized protein
F1RPD4	PIG Uncharacterized protein
Q29259	PIG NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6
I3LJK0	PIG Uncharacterized protein
Q2TSD0	HUMAN Glyceraldehyde-3-phosphate dehydrogenase
Q9BQS7	HUMAN Hephaestin
I3L5S5	PIG Uncharacterized protein (Fragment)
I3LH99	PIG Uncharacterized protein (Fragment)
I3LKD2	PIG Uncharacterized protein
I3LRK1	PIG Uncharacterized protein
D6QST6	PIG 2,4-dienoyl-CoA reductase 1
P79274	PIG Long-chain specific acyl-CoA dehydrogenase, mitochondrial
K7GQ72	PIG Uncharacterized protein
F1SH10	PIG Uncharacterized protein (Fragment)
F1S1D9	PIG Uncharacterized protein
Q29117	PIG Titin (Fragment)
F1RJH2	PIG Short-chain-specific acyl-CoA dehydrogenase, mitochondrial
Q9TV69	PIG Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase
F1SBH1	PIG D-tyrosyl-tRNA(Tyr) deacylase
Q2QLE2	PIG Caveolin-2
Q95334	PIG Glutamyl aminopeptidase
F1SHS6	PIG Serine/threonine-protein kinase WNK1
F1S078	PIG Uncharacterized protein
R4GMP8	HUMAN Serine/arginine-rich-splicing factor 10
Q9TSX9	PIG Peroxiredoxin-6
P29376-2	HUMAN Isoform Lambda P1 of Leukocyte tyrosine kinase receptor
F1S6M7	PIG Uncharacterized protein
I6ZX61	PIG Glycogen synthase kinase 3 beta
F1RM62	PIG Uncharacterized protein
Q86TX2	HUMAN Acyl-coenzyme A thioesterase 1

NA	-1.2	-0.8	-1.1	-0.7	-0.2	-0.9	-1.6	-2.2	2	1
NA	-1.1	-1.0	-0.4	-1.3	-0.3	-0.5	0.8	0.2	1	1
ANKS3	-1.0	-1.0	-1.1	-0.7	0.0	-0.2	-0.4	0.8	1	1
CSNK2B	-1.8	-1.0	-0.6	-0.4	-0.6	-0.2	0.3	-0.6	2	2
ATP5C1	-0.3	-0.4	-1.4	-1.6	-0.3	-0.5	1.4	-0.3	2	2
MED20	-0.6	-1.2	-1.0	-1.0	0.3	2.4	2.9	1.1	1	1
OPA1	0.5	-1.2	-1.7	-1.3	0.5	0.2	-0.9	-1.2	2	2
COQ7	-0.8	-0.8	-0.8	-1.3	-0.6	-0.1	-0.2	-0.5	2	2
LOC100518202	-0.3	-1.0	-1.5	-1.0	-0.1	0.2	-0.6	-1.4	6	7
ADHFE1	0.0	-0.9	-1.2	-1.7	0.1	-0.9	0.6	-0.7	5	7
NDUFB11	-0.6	-0.4	-1.0	-1.8	-1.1	-1.0	-1.3	0.6	5	6
LOC100620271	-1.0	0.0	-1.1	-1.6	-1.3	-1.3	-0.7	-1.2	10	8
NDUFB6	-0.8	-0.4	-1.0	-1.6	-1.6	-1.0	-0.6	0.4	4	3
NA	-0.6	-1.3	-1.1	-0.8	-1.2	-1.4	-1.3	-0.2	1	1
NA	-0.6	-1.2	-0.9	-1.0	-0.7	0.3	0.8	0.4	4	1
HEPH	-0.6	1.0	-1.9	-2.3	-1.8	-1.5	-1.3	-0.8	1	1
ZNF784	-0.6	-1.1	-1.1	-1.1	-2.0	-1.5	-1.6	0.4	1	1
SLC7A13	-1.5	-1.6	-0.6	-0.1	-0.5	-1.0	0.0	0.0	1	1
FAM162A	-0.7	-0.6	-1.2	-1.4	-0.2	-0.3	-0.6	1.1	9	11
NA	-0.7	-0.9	-1.1	-1.0	0.0	-0.2	-0.1	-0.2	8	8
DECR1	-0.4	-0.7	-1.2	-1.5	-1.4	-1.3	-4.9	-0.9	1	1
ACADL	-0.4	-0.6	-1.4	-1.4	-0.8	-1.1	1.1	-0.2	22	23
SYTL5	-0.4	-0.8	-1.2	-1.4	0.1	-0.2	0.9	0.2	1	1
NCEH1	-0.9	-0.8	-1.0	-1.1	-1.7	-1.9	-1.6	0.0	12	12
PSMC3IP	-0.4	-1.6	-1.1	-0.7	-0.4	0.2	0.1	0.8	2	2
NA	-0.5	-1.4	-1.1	-0.9	0.3	0.9	2.3	2.5	16	21
ACADS	0.1	-1.5	-1.3	-1.2	-0.1	-0.5	-1.6	-0.3	2	1
DHDH	-1.1	-1.3	-0.7	-0.8	0.3	-0.1	1.6	0.2	4	8
DTD1	-1.0	-1.7	-1.0	-0.1	-0.2	0.6	-0.3	0.7	3	3
CAV2	-1.4	-1.0	-0.9	-0.5	0.1	0.1	0.1	0.5	2	4
ENPEP	-1.6	-1.3	-0.6	-0.4	-0.4	-0.5	-0.3	-0.5	1	2
WNK1	-1.0	-1.2	-0.8	-0.9	0.5	0.4	1.6	3.9	1	1
TLN2	-0.4	-1.3	-1.2	-1.0	-0.7	-0.2	-0.4	-0.1	5	8
SRSF10	-0.7	-0.7	-1.2	-1.3	-0.6	0.2	-0.2	-0.9	1	1
PRDX6	-1.4	-1.1	-0.7	-0.6	-0.4	-0.2	-0.1	0.8	15	11
LTK	-2.9	-1.2	0.1	0.2	-0.6	-0.9	-2.4	-2.4	1	1
LOC100620928	-1.4	-1.7	-0.4	-0.3	0.2	0.7	-0.5	-0.5	2	2
GSK3B	-0.3	-1.2	-1.3	-1.1	0.3	-0.7	-1.2	-0.5	2	3
HSPB6	-1.3	-1.9	-0.8	0.1	0.2	-1.4	-0.5	-0.8	8	6
ACOT1	-0.4	-0.4	-1.4	-1.7	-1.4	-1.5	-0.4	0.9	3	3

Q9Y4W6	HUMAN AFG3-like protein 2
F1RLG5	PIG Uncharacterized protein
B2ZF49	PIG Trifunctional enzyme subunit alpha, mitochondrial
Q95425	HUMAN Supervillin
Q5PYH3	PIG GTP-binding protein SAR1b
I3LB92	PIG Uncharacterized protein (Fragment)
Q29551	PIG Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
F1APU6	PIG Toll-like receptor 3 short-type
P83111	HUMAN Serine beta-lactamase-like protein LACTB, mitochondrial
Q8MI68	PIG Methylmalonyl-CoA mutase, mitochondrial
F1STL9	PIG Uncharacterized protein (Fragment)
Q9TV36	PIG Fibrillin-1
Q0VF96	HUMAN Cingulin-like protein 1
I3L6F4	PIG Uncharacterized protein
F1SNW4	PIG MYL3
F1RGW9	PIG Uncharacterized protein (Fragment)
P22695	HUMAN Cytochrome b-c1 complex subunit 2, mitochondrial
I3LEN4	PIG Olfactory receptor (Fragment)
Q9MYT8	PIG ATP synthase subunit e, mitochondrial
P48539	HUMAN Purkinje cell protein 4
D0VWV4	PIG Succinate dehydrogenase cytochrome b560 subunit, mitochondrial
Q86UD0	HUMAN Suppressor APC domain-containing protein 2
F1SKD6	PIG Uncharacterized protein
F1SPE5	PIG Uncharacterized protein
F1RXD4	PIG Uncharacterized protein
P62072	HUMAN Mitochondrial import inner membrane translocase subunit Tim10
Q14511	HUMAN Enhancer of filamentation 1
Q6ZT12	HUMAN E3 ubiquitin-protein ligase UBR3
B7TJ04	PIG Mitochondrial diablo
I3LPW0	PIG Uncharacterized protein
F1SML8	PIG 40S ribosomal protein S6
Q9GL76	PIG Poliovirus receptor-related protein 1
I3LRP0	PIG Uncharacterized protein (Fragment)
D2D0E6	PIG Malonyl-CoA decarboxylase
Q9UHB7	HUMAN AF4/FMR2 family member 4
B5LY67	HUMAN Uridine monophosphate synthetase isoform E
K9IV11	PIG 2-oxoglutarate dehydrogenase, mitochondrial
F1RTQ5	PIG Histone H2B
F1SFG7	PIG Uncharacterized protein
F1RXT5	PIG Uncharacterized protein

AFG3L2	-0.5	-1.2	-1.3	-0.9	1.3	2.6	-0.8	-0.7	1	1
REEP5	-1.5	-1.1	-0.7	-0.6	-1.7	-1.6	-0.9	0.7	9	7
HADHA	0.2	-0.9	-1.3	-1.9	-1.1	-4.0	-2.0	-4.4	1	1
SVIL	-1.5	-1.2	-0.6	-0.6	0.2	0.0	0.0	2.0	1	1
SAR1B	-0.9	-1.4	-0.8	-0.8	2.0	0.8	-0.3	0.2	4	2
MYOM3	-0.5	-1.1	-1.1	-1.3	-1.3	-1.5	-1.0	0.6	12	14
OXCT1	-0.4	-0.5	-1.6	-1.5	0.0	0.3	-0.7	-1.4	26	27
TLR3	-0.4	-0.4	-1.6	-1.5	-0.5	-0.3	-0.4	-0.1	1	1
LACTB	-0.5	-2.0	-0.8	-0.6	-0.5	-0.6	0.9	2.0	1	1
MUT	-0.2	-1.4	-1.4	-1.0	1.3	0.2	-0.1	-0.6	5	7
KIAA1731	-0.6	-1.2	-1.2	-0.9	0.9	2.4	-0.4	-0.1	1	1
FBN1	-1.8	-0.9	-1.1	-0.2	-2.4	-2.6	-1.0	1.6	6	8
CGNL1	-0.9	-0.1	-1.2	-1.7	-0.3	0.5	-0.6	0.0	2	1
TRIM55	-0.8	-1.5	-1.0	-0.7	0.6	1.0	-0.5	-1.5	6	3
MYL3	-0.2	0.6	-1.8	-2.5	3.9	1.3	-1.1	-5.7	18	13
ARID4B	-0.7	-0.7	-1.4	-1.2	-0.6	0.3	0.7	0.6	1	1
UQCRC2	-0.8	-0.1	-1.1	-1.9	-1.0	-0.7	-1.3	-1.9	2	2
LOC100524696	-0.3	-0.7	-1.3	-1.7	-0.5	-0.5	0.2	1.1	1	1
ATP5I	-0.7	-0.5	-1.2	-1.6	-0.6	-0.9	-0.8	2.3	6	4
PCP4	-1.2	-0.9	-0.8	-1.2	1.4	0.1	-0.5	-0.7	1	1
SDHC	0.0	-0.5	-1.5	-2.0	-2.4	-1.6	-1.5	0.3	1	1
SAPCD2	-1.0	-0.7	-1.1	-1.2	-0.6	-0.5	0.8	-0.3	1	1
SLC16A7	-1.9	-1.6	-0.9	0.4	-0.8	-0.7	-0.7	1.4	1	2
LOC100518837	-1.5	-1.4	-0.8	-0.3	-0.2	0.1	0.2	0.1	1	1
RMDN1	-0.5	-0.8	-1.5	-1.2	-0.2	-0.3	-0.5	-0.3	5	5
TIMM10	-0.8	-0.6	-1.5	-1.1	-0.2	-1.1	0.1	0.1	1	1
NEDD9	-1.2	-1.4	-0.9	-0.5	-0.5	-0.2	0.3	1.0	1	1
UBR3	-0.5	-0.8	-1.2	-1.6	-0.1	0.8	0.7	0.4	1	1
DIABLO	-1.1	-0.9	-1.3	-0.7	-0.9	-0.6	-1.3	0.0	7	6
NDUFB4	-0.2	-0.4	-1.6	-1.8	-1.2	-0.9	-1.8	-1.4	6	7
NA	-1.8	-2.8	-0.7	1.3	1.5	0.7	2.6	-0.7	2	1
PVRL1	-0.6	-0.7	-1.4	-1.3	0.4	0.7	-1.0	-1.0	1	1
NA	-1.5	-1.6	-0.6	-0.3	-0.1	-0.8	-0.3	0.8	9	12
MLYCD	-1.0	-0.7	-1.0	-1.2	-0.9	-0.1	-0.4	-0.3	2	6
AFF4	-0.8	-1.0	-1.2	-1.1	-1.0	-1.1	-1.4	-1.0	1	2
UMPS	-1.1	-1.2	-1.1	-0.7	-1.8	-1.5	-1.1	-0.1	1	1
OGDH	-0.8	-0.7	-1.3	-1.3	-1.4	-1.5	-1.0	-0.5	40	46
LOC100152878	-3.1	-0.9	-0.6	0.5	-2.9	-1.0	0.9	1.5	2	1
OPA1	-0.8	-1.2	-1.1	-0.9	0.3	-0.2	-0.9	0.1	19	16
SBF1	-0.9	-1.5	-0.9	-0.7	-0.2	-1.3	-0.7	-1.6	1	1

I3LSI3	PIG Uncharacterized protein
P82125	PIG 1,5-anhydro-D-fructose reductase
I3LT95	PIG Uncharacterized protein
Q15061	HUMAN Synemin
F1SHX8	PIG Uncharacterized protein (Fragment)
Q8SPJ9	PIG Cytochrome c oxidase subunit 7A1, mitochondrial
O95714	HUMAN E3 ubiquitin-protein ligase HERC2
P54819	HUMAN Adenylate kinase 2, mitochondrial
Q6NZI2	HUMAN Polymerase I and transcript release factor
A8TX70	HUMAN Collagen alpha-5(VI) chain
I3LHS7	PIG Uncharacterized protein (Fragment)
I3LJF7	PIG Uncharacterized protein (Fragment)
F1SBB4	PIG Uncharacterized protein (Fragment)
P61586	HUMAN Transforming protein RhoA
I3LLQ8	PIG Uncharacterized protein (Fragment)
I3LJ4	PIG Uncharacterized protein
P07093	HUMAN Glia-derived nexin
I3LUZ8	PIG Uncharacterized protein
Q6QRN9	PIG ADP/ATP translocase 3
F8W754	HUMAN Gamma-synuclein
Q5GN48	PIG Dystrophin
I3LJ70	PIG Uncharacterized protein
C9JDV5	HUMAN Putative uncharacterized protein C12orf77
I3LDR9	PIG Uncharacterized protein (Fragment)
F1SKC4	PIG Uncharacterized protein (Fragment)
I3LHE4	PIG Coronin
I3LE14	PIG Uncharacterized protein
I3LUC9	PIG Uncharacterized protein
F1RYK1	PIG Uncharacterized protein
G8FUN4	PIG Myomesin family member 3 (Fragment)
F1RKM1	PIG Uncharacterized protein (Fragment)
C1PIG4	PIG cAMP-dependent protein kinase regulatory subunit type II alpha
I3LBT0	PIG Uncharacterized protein (Fragment)
Q8WNW3	PIG Junction plakoglobin
F1RRC9	PIG Uncharacterized protein
F1SBX0	PIG Uncharacterized protein
F1S430	PIG Uncharacterized protein (Fragment)
F1SDX6	PIG Uncharacterized protein
F1S0S9	PIG Uncharacterized protein
Q8TC94	HUMAN Actin-like protein 9

AK2	-0.6	-0.8	-1.2	-1.4	0.0	1.2	0.1	-1.2	9	7
AKR1E2	-1.4	-1.7	-0.7	-0.3	-0.9	-0.2	-0.9	-0.5	1	1
PSMG1	-2.1	-1.6	-0.8	0.5	-0.6	1.4	0.1	0.3	1	1
SYNM	-0.4	-1.4	-1.1	-1.2	0.0	-0.3	-0.5	-1.0	7	5
ATP5S	-0.6	-0.9	-1.4	-1.3	0.1	0.2	0.4	0.3	4	4
COX7A1	-0.3	-0.4	-1.4	-1.9	-1.6	-1.6	-1.4	0.2	2	2
HERC2	-0.4	-1.0	-1.5	-1.2	-1.9	-1.0	-0.8	-1.1	1	1
AK2	-0.9	-0.7	-1.2	-1.3	-0.1	0.0	0.8	0.2	2	1
PTRF	-1.2	-0.6	-1.1	-1.2	-0.6	0.3	-0.3	-0.3	15	16
COL6A5	-0.5	-0.7	-1.1	-1.8	-0.4	1.5	0.1	0.5	1	1
COQ9	-0.7	-0.4	-1.6	-1.5	-0.1	0.3	-0.6	-1.3	9	12
NA	-0.8	-0.7	-1.5	-1.0	-0.8	-0.1	-1.1	-0.6	1	1
ANKRD29	-1.8	-1.1	-0.8	-0.4	-2.4	-1.9	-1.6	0.7	1	1
RHOA	-3.0	-1.8	-0.3	1.0	-0.9	-0.2	0.0	1.5	2	3
AFG3L2	-0.5	-1.5	-1.1	-1.0	-0.7	-0.5	-1.0	0.3	6	14
ECH1	-0.8	-0.4	-1.3	-1.6	-0.6	-0.9	-1.1	-0.8	6	5
SERPINE2	-0.7	-1.5	-1.2	-0.7	-0.7	-0.4	-0.9	0.2	1	1
LOC100516656	-0.4	-0.7	-1.6	-1.4	1.0	1.8	0.8	-1.3	3	4
SLC25A6	-1.0	-0.7	-1.3	-1.2	-2.3	-2.3	-1.1	0.4	21	15
SNCG	-0.4	-0.9	-1.4	-1.4	1.4	0.5	-0.7	-1.2	1	1
DMD	-1.0	-1.3	-1.0	-0.8	-0.8	-0.7	-0.9	0.5	59	92
LOC100623035	-0.1	-0.4	-1.5	-2.2	-0.5	0.1	-1.1	-1.2	1	1
C12orf77	-1.1	-1.2	-1.0	-1.0	-0.5	0.2	-0.3	0.1	1	1
SDPR	-1.2	-0.7	-1.1	-1.2	0.4	0.8	-0.5	-0.4	13	13
GYG1	-1.2	-1.3	-1.0	-0.7	2.0	1.0	0.2	-2.0	7	6
NA	-0.5	-1.4	-1.4	-1.0	0.0	0.8	0.2	0.0	1	1
CCDC58	-1.4	-1.4	-0.9	-0.4	0.5	1.0	0.5	-1.2	2	2
NA	-0.5	-0.9	-1.5	-1.2	-0.4	-0.4	-0.2	-0.7	1	1
SYT1	-0.9	-1.3	-1.2	-0.8	0.7	-0.2	0.6	0.7	2	2
NA	-0.7	-1.2	-1.0	-1.2	-1.0	-1.5	-1.0	0.0	5	5
ALDH7A1	-0.9	-1.3	-1.1	-0.8	-0.9	-2.6	-1.2	-1.5	15	11
PRKAR2A	-0.7	-1.4	-1.2	-1.0	0.2	1.0	0.1	-1.4	10	11
NA	0.2	-1.5	-1.5	-1.4	0.3	-0.2	1.1	1.2	1	1
Jup	-0.9	-1.3	-1.2	-0.8	-0.1	-0.1	-0.2	-0.1	13	22
NDUFC1	-1.2	-0.9	-0.9	-1.2	-0.9	-0.6	0.4	1.1	1	2
PCLO	-0.6	-0.7	-1.6	-1.2	-0.2	-0.2	0.2	0.6	3	3
LOC100525578	-0.4	-0.9	-1.7	-1.3	-0.2	-0.2	-1.3	-1.2	1	3
TGM2	-1.6	-1.8	-0.8	0.0	-1.4	-1.6	-1.2	-0.1	26	25
PAPD7	-0.7	-1.4	-1.2	-1.0	0.8	0.6	0.1	0.8	1	1
ACTL9	-1.4	-1.3	-0.9	-0.7	-1.1	0.1	-0.6	-1.6	1	1

F1SLP8	PIG Uncharacterized protein (Fragment)
F1RNS8	PIG Uncharacterized protein
F1SM86	PIG Uncharacterized protein
I3LSI7	PIG Uncharacterized protein
F1SND0	PIG Uncharacterized protein
I3LH83	PIG Uncharacterized protein
F1RRP9	PIG Uncharacterized protein
P68371	HUMAN Tubulin beta-4B chain
K9IW80	PIG Nicotinamide nucleotide transhydrogenase
Q5VXU9	HUMAN Uncharacterized protein C9orf84
Q95283	PIG Cytochrome c oxidase subunit 4 isoform 1, mitochondrial (Fragment)
B7Z6P1	HUMAN cDNA FLJ53662, highly similar to Actin, alpha skeletal muscle
F1S3H4	PIG Uncharacterized protein (Fragment)
Q4G176	HUMAN Acyl-CoA synthetase family member 3, mitochondrial
D6R9U4	HUMAN Ankyrin-2 (Fragment)
Q8WW11	HUMAN LIM domain only protein 7
K7GPB0	PIG Superoxide dismutase
F1S4N2	PIG Uncharacterized protein
Q00688	HUMAN Peptidyl-prolyl cis-trans isomerase FKBP3
Q0PIT9	PIG NAD(P)H-hydrate epimerase
Q9TV63	PIG Myosin-2
P05027	PIG Sodium/potassium-transporting ATPase subunit beta-1
F1RRK1	PIG Uncharacterized protein
F1RIP1	PIG Uncharacterized protein
F1SKL2	PIG Uncharacterized protein
F1RWW4	PIG Uncharacterized protein
F1RKQ9	PIG Uncharacterized protein
O95180	HUMAN Voltage-dependent T-type calcium channel subunit alpha-1H
F1S4V5	PIG Uncharacterized protein
Q29380	PIG Voltage-dependent anion-selective channel protein 3
F1S6C3	PIG Uncharacterized protein (Fragment)
F1RK59	PIG Uncharacterized protein
F1RFP4	PIG Uncharacterized protein
B9ZVU2	HUMAN Aspartyl aminopeptidase (Fragment)
K7GRG9	PIG Uncharacterized protein
K7GRM6	PIG Uncharacterized protein (Fragment)
P80021	PIG ATP synthase subunit alpha, mitochondrial
P50747	HUMAN Biotin--protein ligase
K7GL03	PIG Uncharacterized protein (Fragment)
Q9H7C9	HUMAN Mth938 domain-containing protein

NA	-0.6	-0.9	-1.2	-1.5	-1.7	-0.4	0.9	-0.3	1	2
PDAP1	-2.2	-1.4	-0.5	0.0	2.0	1.3	0.6	2.3	7	4
EPB41L3	-1.0	-1.4	-1.1	-0.9	-0.3	0.3	-1.4	-1.0	11	13
POLR2E	-1.5	-1.6	-0.8	-0.4	-1.0	-0.8	0.4	-0.2	1	1
SVEP1	-0.1	-1.1	-1.6	-1.5	-0.1	0.3	-1.0	-0.3	1	1
NA	-1.2	-1.0	-1.2	-0.9	0.6	0.0	-0.1	0.2	1	1
NDUFB9	-0.9	-0.6	-1.2	-1.5	-0.9	-1.0	0.0	-0.4	6	5
TUBB4B	-1.1	-1.7	-0.9	-0.5	-0.4	-0.4	-0.3	-0.5	1	1
NNT	-0.8	-0.5	-1.4	-1.5	-1.7	-1.2	-1.2	0.0	14	14
C9orf84	0.4	-1.3	-1.3	-2.0	-0.7	-1.4	-0.2	1.5	1	1
COX4I1	-1.0	-0.5	-1.1	-1.6	-1.6	-1.7	-0.9	0.0	10	10
NA	-0.9	-0.7	-1.3	-1.4	3.5	0.3	0.1	-1.1	2	1
COQ6	-0.2	-1.0	-1.6	-1.5	-0.1	0.3	-0.2	-0.5	7	7
ACSF3	-0.7	-1.5	-1.4	-0.8	-1.3	-0.8	-0.4	-0.5	1	2
ANK2	-1.0	-0.9	-0.9	-1.5	0.5	0.6	0.8	1.1	1	1
LMO7	-1.4	-1.7	-0.9	-0.3	-1.3	-1.5	-0.6	0.1	5	6
SOD2	-0.5	-0.2	-1.7	-1.9	1.3	0.1	1.6	-1.0	3	3
CYB5R1	-0.4	-1.2	-1.3	-1.4	-0.8	-1.3	-1.2	-0.6	8	9
FKBP3	-1.7	-1.9	-1.0	0.2	-0.1	0.2	0.5	0.7	2	2
APOA1BP	-0.7	-1.2	-1.4	-1.1	0.6	-0.1	1.6	0.6	6	6
MYH2	-1.2	-0.7	-0.9	-1.5	-1.0	-0.7	-0.1	0.0	10	15
ATP1B1	-1.6	-0.8	-1.0	-0.9	-1.3	-0.9	-1.1	-0.2	7	7
PCNXL3	-1.3	-0.7	-1.0	-1.3	0.3	12.0	0.0	0.2	1	1
GYS1	-0.9	-1.9	-0.9	-0.7	-0.4	-0.9	-0.6	-0.6	12	15
TST	-0.6	-1.2	-1.2	-1.3	-0.7	-1.1	-0.9	-0.5	7	10
PDLIM5	-1.1	-1.3	-1.2	-0.8	-0.5	-0.3	0.3	-0.1	14	17
LOC100519294	-1.2	-1.2	-1.1	-0.9	0.2	0.1	-0.7	0.3	3	1
CACNA1H	-0.8	-1.8	-0.8	-0.9	-0.1	-0.4	-0.3	-0.6	1	1
ABLM1	-1.1	-1.3	-1.2	-0.7	-0.5	-0.3	0.7	0.4	19	25
VDAC3	-0.9	-0.7	-1.3	-1.6	-2.1	-2.0	-1.9	-1.6	10	9
NA	-0.6	-0.8	-1.6	-1.4	-1.1	-1.1	-1.1	-1.8	2	3
MRPL40	-0.4	-0.7	-1.6	-1.8	1.5	1.0	-0.7	-1.2	3	3
BRI3BP	-0.4	-0.6	-1.5	-1.8	0.1	1.0	0.3	-0.9	1	1
DNPEP	-0.2	-1.1	-1.5	-1.5	-0.7	-1.0	-0.7	1.1	1	1
TNS1	-0.7	-0.6	-1.6	-1.5	0.4	0.4	-0.8	-1.2	1	1
HSD17B10	-0.2	-1.3	-1.6	-1.4	0.1	0.2	-0.6	-1.6	1	1
ATP5A1	-0.4	-0.2	-1.8	-2.0	-0.6	-0.7	0.9	-0.1	47	44
HLCS	-0.2	-0.6	-1.5	-2.1	-0.1	0.1	-1.6	-3.0	1	1
NA	-0.6	-1.2	-1.2	-1.3	0.0	0.1	-1.0	-1.3	3	5
AAMDC	-1.2	-1.4	-0.7	-1.1	-1.0	-1.0	-0.4	-1.2	1	1

B8Q0B2	PIG Blood vessel epicardial substance
F1S9K1	PIG Uncharacterized protein
Q007T0	PIG Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial
P04179	HUMAN Superoxide dismutase [Mn], mitochondrial
I3LSL4	PIG Uncharacterized protein
I3LBE4	PIG Uncharacterized protein
O60636	HUMAN Tetraspanin-2
F1RTH3	PIG Uncharacterized protein
F1SGD2	PIG Uncharacterized protein
F1SQP4	PIG Uncharacterized protein (Fragment)
F1RPU8	PIG Uncharacterized protein
F1S9V1	PIG Uncharacterized protein
F1RS52	PIG Uncharacterized protein
F1RGJ3	PIG Stress-70 protein, mitochondrial
Q2EN80	PIG NADH dehydrogenase 1 beta subcomplex 6
A1XQT6	PIG MLC1f
F1SAS2	PIG Uncharacterized protein
I3LHA3	PIG Uncharacterized protein
F1SA66	PIG Uncharacterized protein
F1SL07	PIG Uncharacterized protein
B4DPN6	HUMAN cDNA FLJ51031, highly similar to ATP-dependent RNA helicase DDX1 (EC 3.6.1.-)
O00217	HUMAN NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial
I3LVH8	PIG Uncharacterized protein (Fragment)
G8IFA6	PIG Mitochondrial NADH dehydrogenase Fe-S protein 4
F1SMG3	PIG Uncharacterized protein (Fragment)
K7GLT8	PIG ATP synthase subunit beta
I3LDM7	PIG Uncharacterized protein
I3LQ34	PIG Uncharacterized protein
F1SMX9	PIG Uncharacterized protein
F1SMZ7	PIG Uncharacterized protein
F1SA62	PIG Uncharacterized protein (Fragment)
I3LKV0	PIG Uncharacterized protein (Fragment)
P12682	PIG High mobility group protein B1
F1RT59	PIG Uncharacterized protein
I3LQT4	PIG Uncharacterized protein
F1SDF9	PIG Uncharacterized protein
F1SU52	PIG Uncharacterized protein
F1SGC6	PIG Uncharacterized protein
F1RPD7	PIG Uncharacterized protein
Q6RVA9	PIG Caveolin-1

BVES	-0.7	-1.3	-1.3	-1.1	-0.7	-0.6	-0.6	0.4	3	8
LOC100739845	-0.7	-1.1	-1.4	-1.2	-0.2	-0.5	-0.5	0.3	5	7
SDHB	-0.6	-0.4	-1.4	-2.0	-0.3	-0.4	-0.2	0.3	12	12
SOD2	-1.7	-0.7	-1.1	-0.9	0.3	-0.6	0.8	0.3	1	1
NA	-1.0	-1.6	-1.0	-0.9	-1.2	-1.6	-0.2	0.5	1	1
NA	-0.8	-1.0	-0.8	-1.8	-1.5	-1.4	0.4	0.3	8	7
TSPAN2	-0.7	-0.1	-1.5	-2.2	-0.1	-0.4	-0.2	-0.1	1	1
AIFM1	-0.7	-0.7	-1.4	-1.7	-1.4	-1.3	-1.0	0.2	24	27
PKP2	-1.0	-1.4	-1.1	-1.0	0.0	0.5	0.9	0.5	18	28
NDUFA12	-0.9	-1.1	-1.3	-1.2	-0.7	-0.7	-0.3	-0.5	9	11
MPC2	-0.8	-1.0	-1.3	-1.4	-1.8	-1.8	-1.9	-0.3	4	4
PLD4	-1.0	-0.7	-1.3	-1.5	-1.3	-0.5	-0.1	0.3	1	1
MMAA	-0.9	-1.9	-0.9	-0.8	0.3	0.8	-0.3	-0.7	1	3
HSPA9	-0.7	-1.6	-1.3	-0.9	0.6	1.0	0.7	-0.9	46	34
LOC733605	-1.0	-0.7	-1.3	-1.5	-0.6	-0.7	-0.6	-0.5	2	4
MYL1	0.3	-1.5	-1.4	-1.8	2.1	-1.6	-2.7	-5.3	13	5
ACSS1	-0.2	-1.5	-1.3	-1.5	-0.2	0.4	0.8	1.6	16	19
ACAD8	-0.5	-1.1	-1.6	-1.4	0.2	-1.9	-0.5	0.5	3	1
TIMM44	-0.3	-1.3	-1.6	-1.3	0.0	-0.4	-0.7	-0.1	13	20
LOC100524622	-0.9	-0.7	-1.4	-1.6	-1.1	-1.3	-1.7	-0.7	18	19
NA	-1.1	-1.6	-1.2	-0.7	-0.3	0.2	1.0	0.7	1	1
NDUFS8	-0.4	-0.4	-1.6	-2.2	-0.5	-0.1	0.0	-1.2	7	4
DSC2	-1.2	-1.1	-1.2	-1.1	0.5	0.4	-0.2	-0.1	3	5
NA	-0.4	-0.2	-1.6	-2.3	-0.1	-0.2	-0.4	0.8	1	1
LOC100526144	-0.9	-0.6	-1.5	-1.5	-1.7	-1.7	-1.3	0.8	20	25
ATP5B	-1.0	-0.5	-1.5	-1.5	-0.7	-1.1	0.8	-0.3	3	2
GLO1	-1.1	-1.6	-1.1	-0.7	-0.3	0.1	-0.1	-1.5	8	7
TOMM70A	-0.7	-1.6	-1.2	-1.0	-0.4	-0.5	-0.6	0.3	2	2
CDH7	-0.6	-1.2	-1.3	-1.4	-2.6	-2.7	-2.3	-1.3	1	1
HSPD1	-1.3	-0.8	-1.2	-1.2	0.0	0.1	-0.3	-1.5	33	29
LOC100517634	-1.2	-0.5	-1.4	-1.5	-1.1	-1.2	-1.1	-0.6	9	13
SLIRP	-1.0	-1.5	-1.1	-0.9	0.1	-0.4	-0.9	-0.4	1	4
HMGB1	-2.3	-1.7	-0.4	-0.2	-0.7	0.1	0.2	1.0	9	6
SGCA	-1.4	-1.5	-1.2	-0.6	0.3	0.5	-0.3	0.7	3	5
NA	-1.5	-1.8	-1.0	-0.3	-1.5	-1.2	-0.4	0.1	1	1
SV2A	-1.2	-0.6	-1.5	-1.3	-0.8	-0.8	-0.9	0.0	1	2
LOC100522130	-1.3	-1.1	-1.3	-0.9	-0.6	-1.2	-1.0	-0.7	8	7
NDUFB5	-1.1	-0.8	-1.2	-1.5	-1.9	-1.8	-1.7	-1.1	8	9
SMTN	-1.6	-1.9	-1.0	-0.1	0.5	1.3	0.5	0.3	2	1
CAV1	-1.6	-1.1	-1.1	-0.8	-1.5	-0.4	-0.7	1.1	7	8

P09623	PIG Dihydrolipoyl dehydrogenase, mitochondrial
P63317	PIG Troponin C, slow skeletal and cardiac muscles
Q8WXX0	HUMAN Dynein heavy chain 7, axonemal
F1RHI3	PIG Uncharacterized protein
O43920	HUMAN NADH dehydrogenase [ubiquinone] iron-sulfur protein 5
F1RF09	PIG Uncharacterized protein
F1RIN7	PIG Uncharacterized protein
F1SB53	PIG Uncharacterized protein (Fragment)
F1SV04	PIG Uncharacterized protein (Fragment)
F1ST31	PIG Uncharacterized protein
Q9P275	HUMAN Ubiquitin carboxyl-terminal hydrolase 36
B3TFD9	PIG Poliovirus receptor-related 2 transcript variant delta
Q5VUA4	HUMAN Zinc finger protein 318
Q96LB3	HUMAN Intraflagellar transport protein 74 homolog
F1SIF2	PIG Uncharacterized protein
F1S1B9	PIG Uncharacterized protein
P57679	HUMAN Ellis-van Creveld syndrome protein
I3LR66	PIG Uncharacterized protein (Fragment)
F1SBN7	PIG Uncharacterized protein
Q9XSE7	PIG Sarcolumenin (Fragment)
B5L0Y2	PIG Calpastatin
F1SNL5	PIG Uncharacterized protein
P13618	PIG ATP synthase-coupling factor 6, mitochondrial
I3LQ99	PIG Uncharacterized protein
I3LUE8	PIG Uncharacterized protein (Fragment)
F1RYH2	PIG Uncharacterized protein
A9X3T3	PIG Peroxisomal D3,D2-enoyl-CoA isomerase
F1SLG5	PIG Uncharacterized protein
I3L704	PIG Anamorsin
Q7L590	HUMAN Protein MCM10 homolog
Q6ZMB5	HUMAN Transmembrane protein 184A
P00355	PIG Glyceraldehyde-3-phosphate dehydrogenase
Q17RP2	HUMAN Tigger transposable element-derived protein 6
F1SSH3	PIG Uncharacterized protein
F1S9S8	PIG Uncharacterized protein
Q2EN76	PIG Nucleoside diphosphate kinase B
F1SD73	PIG Uncharacterized protein
A5GFN3	PIG CCCTC-binding factor (Zinc finger protein)-like
F1S946	PIG Olfactory receptor
D2JYW4	PIG F-actin capping protein beta subunit variant II

DLD	-0.7	-0.5	-1.6	-1.8	-0.9	-1.1	-0.4	-0.3	16	17
TNNC1	-0.6	-0.1	-2.0	-1.9	2.3	0.4	-1.6	-7.1	12	9
DNAH7	-0.6	-0.8	-1.5	-1.7	-0.6	-0.1	0.1	0.6	1	1
VPS53	-1.8	-1.8	-0.4	-0.6	-0.4	-0.9	-0.7	-0.6	1	1
NDUFS5	-1.6	-1.0	-0.9	-1.1	0.3	0.5	0.4	0.7	1	1
MSH3	-1.1	0.4	-1.8	-2.2	1.5	0.5	0.2	-0.2	1	1
HRC	-0.7	-0.4	-1.9	-1.7	1.5	-0.5	-2.0	0.6	10	12
PSMC2	-3.9	-1.5	-0.1	0.8	2.9	2.2	0.6	-0.4	2	1
NT5C1A	-0.9	-1.5	-1.2	-1.0	-0.5	-0.5	-0.4	-1.3	7	10
LOC100620565	-2.2	-0.8	-0.6	-1.1	-0.8	-0.4	2.4	-0.3	1	1
USP36	-1.3	-0.5	-1.6	-1.2	-1.4	-1.3	-1.4	-0.3	1	1
PRR2	0.0	-1.0	-1.5	-2.1	0.9	-0.8	-1.5	-2.2	1	1
ZNF318	-1.1	-1.9	-1.3	-0.4	-1.1	-0.2	0.1	0.7	1	1
IFT74	-1.8	-1.1	-1.1	-0.8	-1.5	-1.2	-0.8	-0.9	1	1
NDUFS3	-1.0	-0.6	-1.4	-1.7	-1.1	-1.8	-2.4	-2.7	14	14
DHRS11	-1.1	-1.6	-1.2	-0.8	-0.5	0.3	0.2	-0.1	6	7
EVC	-1.5	-1.1	-1.1	-1.1	-0.9	-0.9	-1.5	-1.2	1	1
NA	-1.1	-1.2	-1.3	-1.0	-0.3	-0.3	-0.6	-0.3	6	12
ATP5F1	-1.0	-0.5	-1.5	-1.6	-2.1	-1.7	-1.4	0.3	15	14
CBPG	-1.1	-0.5	-1.4	-1.8	-1.1	-1.8	-2.8	-1.7	9	9
CAST	-1.0	-1.2	-1.5	-1.0	0.5	1.6	0.1	0.8	1	1
LOC100622200	-1.0	-0.9	-1.6	-1.2	-0.3	-0.1	0.5	0.6	3	5
ATP5J	-1.0	0.3	-1.8	-2.2	1.9	0.0	0.0	0.1	11	10
MRPS36	-1.2	-0.4	-1.4	-1.8	-0.4	-1.2	-1.0	0.4	5	5
IARS2	-0.7	-1.5	-1.3	-1.2	-0.1	0.0	-0.5	-0.2	7	12
NA	-0.9	-1.0	-1.5	-1.4	-2.5	-1.8	-1.9	-1.2	1	1
PECI	-0.8	-1.3	-1.6	-1.0	-0.4	-0.3	-2.0	-1.5	1	1
ACTG2	-0.4	-0.7	-1.7	-2.0	-0.6	-0.4	0.2	0.1	4	4
CIAPIN1	-1.1	-2.3	-1.0	-0.4	1.6	0.5	0.6	0.9	2	1
MCM10	-1.2	-1.5	-1.3	-0.8	0.4	0.3	0.7	-0.4	1	1
TMEM184A	-0.8	-1.2	-1.6	-1.2	-1.3	-0.5	-0.8	-0.7	1	1
GAPDH	-1.4	-2.1	-0.8	-0.6	-0.8	-1.1	0.0	0.1	31	35
TIGD6	-1.8	-1.2	-0.4	-1.4	4.6	2.9	-0.6	0.1	1	1
VWA2	-0.7	-1.3	-1.3	-1.6	-0.7	-0.9	0.3	0.8	1	1
NEXN	-1.9	-1.5	-0.8	-0.6	0.9	0.3	-0.9	-0.6	28	15
NME2	-2.5	-2.1	-0.5	0.3	-1.3	-1.4	0.3	-1.5	9	8
NDUFB1	-1.1	-0.6	-1.5	-1.6	-1.1	-0.9	-0.9	-0.3	2	1
CTCFL	-1.1	-0.5	-1.5	-1.7	-0.7	0.1	0.3	-0.1	1	1
LOC100512292	-0.6	-1.3	-1.4	-1.5	-0.4	-0.3	0.4	-0.5	1	1
CAPZB	-0.6	-1.9	-1.3	-1.0	0.1	0.8	0.1	-0.3	3	3

F1SLI3	PIG Microtubule-associated protein
I3LG33	PIG Uncharacterized protein (Fragment)
I3L806	PIG Uncharacterized protein (Fragment)
K7GR50	PIG Uncharacterized protein (Fragment)
F1S563	PIG Uncharacterized protein
Q5XLD2	PIG Myosin regulatory light chain 2
I3L5M6	PIG Uncharacterized protein
I3LA61	PIG Uncharacterized protein
F1RFD4	PIG Uncharacterized protein
I3LD55	PIG Uncharacterized protein (Fragment)
I3L8Q0	PIG Uncharacterized protein
F1SLB6	PIG Uncharacterized protein (Fragment)
I3LKP0	PIG Uncharacterized protein (Fragment)
Q1W0Y2	PIG Cytochrome c oxidase subunit 7C, mitochondrial
F1S4Z9	PIG Uncharacterized protein
I3LQM9	PIG Uncharacterized protein
I3LAI1	PIG Uncharacterized protein (Fragment)
F1RQ08	PIG Phosphorylase
P12524	HUMAN Protein L-Myc
Q9TV62	PIG Myosin-4
Q8N7F3	HUMAN CDNA FLJ25696 fis, clone TST04563
F1RY71	PIG Uncharacterized protein
F1SKY2	PIG Uncharacterized protein
P35573	HUMAN Glycogen debranching enzyme
Q9N0F1	PIG Succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial
Q13404	HUMAN Ubiquitin-conjugating enzyme E2 variant 1
Q8WZ42	HUMAN Titin
F2Z5I9	PIG Destrin (Fragment)
I3LTZ8	PIG Uncharacterized protein
Q14BN4-8	HUMAN Isoform 8 of Sarcolemmal membrane-associated protein
Q9H7I8	HUMAN FLJ00096 protein (Fragment)
I3L9N1	PIG Uncharacterized protein
F1RMD6	PIG Uncharacterized protein
I3LI87	PIG Uncharacterized protein
F1RZC1	PIG Uncharacterized protein
Q96EV2	HUMAN RNA-binding protein 33
O14958	HUMAN Calsequestrin-2
I3LIQ2	PIG Uncharacterized protein
S6BGF9	HUMAN IgG L chain
Q4VK67	PIG Glycogen synthase 1 (Fragment)

MAP4	-2.0	-1.9	-0.9	-0.1	0.3	0.6	0.3	0.8	6	7
LOC100627907	-0.8	-1.4	-1.3	-1.4	-0.7	-0.4	-0.4	-0.3	4	6
NA	-1.5	-1.5	-1.2	-0.6	1.0	1.4	0.6	0.7	16	24
GSTZ1	-0.7	-1.5	-1.3	-1.4	-1.0	-1.9	-2.2	-0.6	1	1
DBT	-0.8	-0.9	-1.6	-1.7	-0.3	-1.2	-1.8	-1.2	5	4
HUMMLC2B	-0.9	-0.4	-1.5	-2.1	-0.7	-0.5	3.2	0.9	4	2
TRIM63	-1.6	-1.7	-1.1	-0.5	-0.3	0.1	-0.7	0.5	1	1
GNAT1	-0.2	-1.2	-1.8	-1.7	0.2	-0.4	-1.3	-1.1	2	1
USMG5	-0.8	-1.2	-1.5	-1.4	-0.5	-0.3	-1.2	-2.0	2	2
COQ3	-1.3	-1.1	-1.4	-1.1	-1.2	-1.2	-1.4	-1.5	7	7
NA	-1.4	-1.8	-1.0	-0.7	-0.4	-0.2	0.9	1.4	88	111
TIMELESS	-1.1	-1.2	-1.8	-0.8	-0.7	0.1	0.4	0.2	1	1
SYNM	-1.0	-1.5	-1.3	-1.2	0.0	-0.5	-1.0	-1.1	27	34
COX7C	-1.2	-1.1	-1.1	-1.6	-2.2	-1.4	-0.7	0.8	2	2
SNTA1	-0.8	-1.5	-1.3	-1.3	0.3	0.8	0.0	-0.3	7	10
NA	-1.6	-1.0	-0.8	-1.5	-1.0	-0.1	3.2	0.1	1	1
ECHS1	-0.6	-1.3	-1.4	-1.5	-0.9	-0.6	-1.6	-0.7	1	2
PYGM	-1.0	-1.8	-1.2	-0.9	-1.0	-0.8	-0.2	-0.6	31	38
MYCL	-1.0	0.1	-1.9	-2.3	-0.3	-0.2	0.0	0.3	1	1
MYH4	-0.8	-1.1	-1.5	-1.5	-3.2	-2.8	-1.9	0.1	5	3
NA	-1.3	-1.1	-1.4	-1.2	-2.1	-0.8	-1.5	1.3	1	1
IGHMBP2	-0.7	-1.0	-1.4	-1.8	0.6	-0.7	1.6	3.2	1	3
NIT2	-1.2	-1.4	-1.4	-1.0	-0.1	-0.8	1.0	-1.2	8	9
AGL	-0.9	-2.1	-1.2	-0.8	-1.5	-2.3	0.0	0.0	2	4
DLST	-0.9	-0.5	-1.6	-1.9	0.7	0.6	2.2	-0.7	16	16
UBE2V1	-1.4	-2.1	-0.9	-0.5	-0.3	-0.7	-0.6	-0.1	2	2
TTN	-1.3	-1.8	-1.1	-0.8	0.1	0.5	1.7	1.9	576	758
DSTN	-1.4	-1.6	-1.1	-0.9	-0.5	-0.6	0.0	-0.7	3	1
PBLD	-1.2	-0.6	-1.2	-2.0	0.7	0.3	-0.9	-1.5	1	2
SLMAP	-1.5	-1.3	-1.2	-0.9	-0.5	-0.6	0.2	1.4	2	2
FLJ00096	-1.4	-0.9	-1.2	-1.5	0.9	2.4	2.0	-0.6	1	1
ADPRHL1	-1.4	-1.3	-1.0	-1.3	-0.6	-0.7	-1.2	-0.3	3	6
VPS36	-1.3	-1.8	-1.3	-0.6	0.7	1.1	-0.3	0.6	2	3
LMAN1L	-0.7	-1.4	-1.4	-1.5	-1.4	-1.3	-2.6	-0.5	1	1
MYO5C	-0.6	-0.6	-1.8	-2.1	0.1	1.4	0.1	0.1	1	1
RBM33	-0.9	-1.3	-1.2	-1.7	-1.7	-2.2	-0.3	0.6	1	1
CASQ2	-1.1	-0.5	-1.6	-1.8	-0.1	0.1	-0.5	-0.2	1	1
NA	-0.5	-1.0	-1.9	-1.7	-0.3	-1.3	-1.6	-0.7	2	3
NA	-0.8	-1.5	-1.5	-1.3	0.3	0.3	0.4	0.9	1	1
NA	-0.9	-0.9	-1.5	-1.7	0.9	1.0	-0.7	-1.4	1	1

Q9P225	HUMAN Dynein heavy chain 2, axonemal
F1RLG3	PIG Uncharacterized protein (Fragment)
I3L8N7	PIG Uncharacterized protein (Fragment)
Q9TV61	PIG Myosin-1
F1RPA3	PIG Uncharacterized protein (Fragment)
F1SJ34	PIG Uncharacterized protein
O94875-10	HUMAN Isoform 10 of Sorbin and SH3 domain-containing protein 2
A9JPD4	PIG Carnitine acetyl transferase
F1RVN1	PIG Uncharacterized protein
F1RNZ0	PIG Uncharacterized protein
F1SJP6	PIG NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6 (Fragment)
F1SILO	PIG Uncharacterized protein
Q9NRS4	HUMAN Transmembrane protease serine 4
O75460-2	HUMAN Isoform 2 of Serine/threonine-protein kinase/endoribonuclease IRE1
F1SDN2	PIG Uncharacterized protein
Q9H2U2	HUMAN Inorganic pyrophosphatase 2, mitochondrial
C9J5M4	HUMAN Protein eva-1 homolog A (Fragment)
O43813	HUMAN LanC-like protein 1
Q4TTS4	PIG Histone H1.2-like protein
P08059	PIG Glucose-6-phosphate isomerase
Q9NWI7	HUMAN CDNA FLJ20825 fis, clone ADSE00160
B4DI89	HUMAN TRAF-type zinc finger domain-containing protein 1
F1S5K7	PIG Protein kinase C (Fragment)
S4R305	HUMAN Putative tyrosine-protein phosphatase auxilin (Fragment)
P14927	HUMAN Cytochrome b-c1 complex subunit 7
Q29554	PIG Trifunctional enzyme subunit alpha, mitochondrial
F1S557	PIG Uncharacterized protein
P12882	HUMAN Myosin-1
F1SP14	PIG Uncharacterized protein
P16066	HUMAN Atrial natriuretic peptide receptor 1
F1S561	PIG Uncharacterized protein
D2KMN4	PIG Glial cell-line derived neurotrophic factor (Fragment)
F1RGH4	PIG Uncharacterized protein
F1S4D5	PIG Uncharacterized protein (Fragment)
Q8MHY0	PIG MYL2
F1SC51	PIG Uncharacterized protein
F1RG85	PIG Uncharacterized protein
A4Z6H0	PIG Adenylosuccinate synthetase isozyme 1
K9J4R6	PIG 6-phosphofructokinase
Q00839	HUMAN Heterogeneous nuclear ribonucleoprotein U

DNAH2	-1.3	-1.0	-1.4	-1.4	0.6	-1.3	-1.4	-2.0	4	1
APC	-0.6	-0.3	-1.6	-2.5	2.5	0.5	-1.6	-3.4	1	1
NA	-1.3	-1.3	-1.4	-1.1	-1.1	-1.4	-3.3	-4.1	1	1
MYH1	-0.8	-1.1	-1.5	-1.7	-1.7	-1.6	-1.0	0.4	75	70
GPRC5B	-0.5	-1.7	-1.3	-1.6	0.0	-0.3	1.1	0.2	2	1
COX5A	-1.0	-0.2	-1.5	-2.4	0.6	-1.1	-2.4	-1.4	10	10
SORBS2	-1.8	-1.5	-0.8	-1.0	-0.3	0.9	0.0	-0.1	1	1
CRAT	-0.6	-1.5	-1.6	-1.3	-1.1	-1.1	-0.4	0.7	15	16
NDUFV1	-1.1	-0.8	-1.4	-1.7	-1.2	-1.0	-0.7	-1.3	17	16
PLEKHF1	-3.0	-2.0	-0.4	0.3	-0.4	0.2	1.4	1.6	1	1
NDUFA6	-0.7	-0.7	-1.5	-2.2	-1.2	-0.7	-2.1	-1.2	7	7
CEP78	-1.1	-1.9	-1.2	-0.9	-0.9	-0.4	1.5	1.9	1	1
TMPRSS4	-0.1	-1.8	-1.6	-1.5	3.8	0.1	0.0	0.4	1	1
ERN1	-0.7	-1.3	-1.8	-1.3	-1.1	-1.9	-1.4	-1.1	2	1
HADHB	-0.8	-1.2	-1.6	-1.5	-1.2	-0.5	-0.2	0.6	34	31
PPA2	-0.8	-1.1	-1.7	-1.6	-1.6	-0.3	-1.1	-1.4	1	1
EVA1A	-0.8	-2.6	-1.2	-0.6	-0.4	-1.3	-2.0	-1.9	1	1
LANCL1	-1.7	-1.8	-1.1	-0.7	-2.4	-1.9	-0.8	-1.2	1	1
NA	-2.3	-1.0	-1.1	-0.7	-1.0	-0.9	-0.3	1.0	2	4
GPI	-1.6	-2.3	-0.9	-0.4	-0.1	-0.3	2.3	1.1	19	19
NA	-1.1	-1.2	-1.3	-1.5	-0.9	-1.2	-0.9	-0.1	1	1
TRAFD1	-1.7	-0.5	-1.1	-1.9	-1.1	-1.0	1.1	0.4	1	1
PRKCE	-1.4	-1.5	-1.3	-1.0	-1.8	-1.1	-1.7	-1.2	2	2
DNAJC6	-1.5	-0.7	-1.4	-1.6	1.3	8.7	0.4	-1.4	1	1
UQCRB	-1.2	-0.9	-1.2	-1.9	-1.1	-0.9	-0.8	-1.1	4	6
HADHA	-0.7	-1.2	-1.8	-1.4	-1.5	-0.1	-0.2	1.1	41	43
AGL	-1.1	-2.1	-1.1	-0.9	-1.1	-1.1	-0.4	-0.5	34	41
MYH1	-1.1	-0.7	-1.8	-1.7	6.3	1.4	3.0	3.9	3	1
AMACR	-1.3	-1.5	-1.5	-1.0	-0.8	-1.2	-1.8	-0.3	2	4
NPR1	-0.8	-1.0	-1.4	-2.0	-1.8	-1.0	-1.2	-0.3	1	1
MYH3	-1.3	-1.2	-1.3	-1.4	-1.9	-1.3	-1.8	-0.7	11	10
GDNF	-1.5	-1.6	-1.2	-0.9	-0.9	-0.3	0.5	1.2	1	1
PROB1	-0.6	-1.5	-1.7	-1.5	-0.5	-0.3	-1.3	-0.4	4	3
CCBL2	-0.9	-1.5	-1.5	-1.4	-0.2	-0.4	1.2	0.3	7	6
MLC-2V	-1.1	0.0	-1.7	-2.5	0.8	-0.9	-2.4	-6.2	26	25
NA	-1.3	-1.6	-1.5	-0.9	0.8	1.0	-0.7	-1.7	14	15
MYO18B	-1.0	-1.4	-1.9	-1.1	-0.7	-0.2	-0.4	0.8	2	2
ADSSL1	-0.5	-1.5	-1.7	-1.6	0.1	0.7	-0.8	-0.1	5	5
PFKP_tv1	-2.3	-1.8	-0.5	-0.8	-0.3	-0.9	-0.8	-0.5	3	3
HNRNPU	-2.8	-2.3	-0.7	0.5	-2.8	-0.6	-0.4	1.2	4	4

O94875-2	HUMAN Isoform 2 of Sorbin and SH3 domain-containing protein 2
Q4L235	HUMAN Acyl-CoA synthetase family member 4
Q9P2K8	HUMAN Eukaryotic translation initiation factor 2-alpha kinase 4
F1SIB9	PIG Uncharacterized protein
I3LDI0	PIG Uncharacterized protein (Fragment)
Q0D2Q6	HUMAN Phosphoglycerate mutase 1 (Brain)
Q14296-3	HUMAN Isoform 3 of Fas-activated serine/threonine kinase
I3LUJ2	PIG Uncharacterized protein
F1SBU7	PIG Lon protease homolog, mitochondrial
Q9TQR6	PIG Phosphoglucomutase 1 (Fragment)
Q92791	HUMAN Synaptonemal complex protein SC65
F1RH92	PIG Uncharacterized protein
F1RPG1	PIG Uncharacterized protein
Q14896	HUMAN Myosin-binding protein C, cardiac-type
M3VHA4	PIG MICAL C-terminal like protein
Q9NQK4	HUMAN Omega-amidase NIT2
F1SV23	PIG Uncharacterized protein
F1RK58	PIG Uncharacterized protein
P10173	PIG Fumarate hydratase, mitochondrial
I3LIQ8	PIG Uncharacterized protein (Fragment)
I3LML9	PIG Uncharacterized protein
F1SRP8	PIG Uncharacterized protein (Fragment)
Q9TS51	PIG Myosin heavy chain (Fragment)
P28220	PIG Sorbin and SH3 domain-containing protein 2
Q9BYH1	HUMAN Seizure 6-like protein
F1S7K4	PIG Uncharacterized protein
Q29320	PIG Lactate dehydrogenase-B (Fragment)
Q8N3V7	HUMAN Synaptopodin
P36887	PIG cAMP-dependent protein kinase catalytic subunit alpha
I3LHL4	PIG Uncharacterized protein (Fragment)
Q29577	PIG Creatine kinase U-type, mitochondrial
I3LDR2	PIG Uncharacterized protein (Fragment)
F1SHL9	PIG Pyruvate kinase (Fragment)
Q01167	HUMAN Forkhead box protein K2
P61013	PIG Cardiac phospholamban
F1SS86	PIG Uncharacterized protein
I3LTC0	PIG Uncharacterized protein (Fragment)
I3LRH7	PIG Uncharacterized protein
F1SLR1	PIG Uncharacterized protein
F1RWI9	PIG Uncharacterized protein

SORBS2	-1.8	-1.8	-1.1	-0.6	0.2	0.9	0.0	-0.2	2	3
AASDH	-1.1	-2.1	-1.2	-0.8	-0.4	-0.7	0.2	0.0	1	1
EIF2AK4	-0.9	-1.1	-1.6	-1.7	-0.4	0.0	-0.1	1.6	1	1
ARFGAP2	-1.3	-1.6	-1.3	-1.1	1.2	1.9	2.1	0.3	1	1
NA	-1.2	-1.4	-1.5	-1.3	1.6	1.3	0.2	-0.2	6	9
PGAM1	-2.0	-2.1	-1.0	-0.2	0.0	0.0	1.1	0.1	1	1
FASTK	-1.5	-1.6	-1.4	-0.9	-0.4	0.0	-0.3	1.4	1	1
NA	-0.8	-1.3	-1.6	-1.6	-0.5	-0.5	-0.7	0.0	1	1
LONP1	-1.1	-1.6	-1.4	-1.3	-0.8	-1.2	-0.5	0.0	13	15
PGM1	-1.0	-1.9	-1.3	-1.1	0.9	0.3	2.5	1.3	9	9
LEPREL4	-1.3	-1.4	-1.6	-1.1	-1.4	-1.0	-1.3	-1.0	1	1
MYOT	-2.0	-2.2	-0.9	-0.3	-0.4	0.7	0.7	1.0	18	16
NA	-1.6	-1.7	-1.1	-1.0	-1.3	-0.5	0.6	1.5	1	1
MYBPC3	-2.2	-1.2	-1.0	-1.0	-2.1	-1.9	-1.7	-1.2	1	2
MICALCL	-1.3	-0.7	-1.7	-1.7	0.4	0.5	0.7	-0.1	1	2
NIT2	-1.0	-1.1	-1.8	-1.6	0.2	0.0	1.2	-0.4	1	1
NDUFS5	-1.6	-1.1	-1.2	-1.4	0.1	-0.3	-0.8	-0.6	4	3
HMOX2	-1.2	-1.4	-1.6	-1.2	0.5	0.0	-0.5	0.2	3	3
FH	-1.3	-0.8	-1.7	-1.7	-0.4	-0.5	-0.3	-0.4	28	26
WDFY4	-1.3	-1.5	-1.5	-1.0	-2.4	-2.3	-1.6	0.1	1	1
NA	-1.2	-1.7	-1.3	-1.2	-1.8	-0.8	1.0	-0.6	1	1
DENND2A	-1.1	-2.0	-1.4	-0.9	-0.5	-0.7	-0.9	-0.6	1	1
NA	-1.2	-1.2	-1.9	-1.1	-0.1	0.6	-0.9	0.3	1	2
SORBS2	-2.1	-2.2	-0.7	-0.4	-0.9	0.5	0.7	0.6	7	7
SEZ6L	-1.4	-1.5	-1.6	-0.9	0.1	-0.7	0.6	0.5	1	1
PLIN4	-1.0	-1.7	-1.4	-1.3	0.5	-0.8	-0.4	2.0	18	33
NA	-1.0	-1.7	-1.5	-1.2	-0.6	-0.7	-0.1	-0.5	2	1
SYNPO	-1.1	-1.6	-1.6	-1.2	-0.8	-0.4	0.0	-0.5	1	2
PRKACA	-1.4	-2.2	-1.3	-0.6	-1.8	-1.5	-0.6	0.8	10	11
NDUFS7	-1.0	-1.1	-1.7	-1.7	-1.4	-1.4	-1.2	-0.1	8	9
CKMT1	0.0	-0.4	-2.3	-2.8	1.2	1.1	1.6	0.4	4	5
LOC100621514	-1.2	-1.4	-1.4	-1.4	0.0	-0.5	-1.0	-0.6	7	8
PKM	-1.7	-2.5	-1.0	-0.3	-1.2	-0.6	0.1	1.4	32	35
FOXK2	-1.1	-1.9	-1.3	-1.2	-0.5	-1.0	-0.1	-0.8	1	1
PLN	-1.1	-1.3	-1.6	-1.5	-1.1	-1.2	-0.6	1.2	5	5
DHRS7C	-1.2	-1.4	-1.5	-1.3	-1.0	-2.2	-1.8	-0.4	3	12
NA	-0.9	-0.8	-1.8	-1.9	-1.6	-1.7	-1.5	0.3	14	15
DSC3	-0.9	-2.0	-1.5	-1.1	0.3	-2.5	-2.4	-1.6	1	1
NDUFA8	-1.3	-0.7	-1.6	-1.9	-0.9	-1.3	-1.3	-1.1	6	6
LRRC46	-1.2	-1.6	-1.5	-1.2	-0.8	-0.8	-1.5	-0.5	1	1

F1RII4	PIG Uncharacterized protein	PARK7	-1.8	-1.7	-1.3	-0.8	-0.5	-0.7	-1.0	-1.7	9	8
P09913	HUMAN Interferon-induced protein with tetratricopeptide repeats 2	IFIT2	0.8	-1.3	-2.2	-2.9	1.2	0.0	-1.4	-2.4	1	1
B1Q0K1	PIG Tubulin polymerization promoting protein p25 alpha	TPPP	-1.8	-1.6	-1.3	-0.9	1.3	2.2	1.7	-1.1	1	1
F1SMB2	PIG Dihydrolipoylysine-residue acetyltransferase	DLAT	-0.8	-0.8	-1.9	-2.0	-1.0	-1.1	-1.2	-1.2	18	18
Q17RW2	HUMAN Collagen alpha-1(XIV) chain	COL24A1	-2.1	-2.0	-1.2	-0.3	1.0	0.2	-0.4	1.3	1	2
F1REZ9	PIG Uncharacterized protein	LOC100519366	-1.1	-0.5	-1.7	-2.4	-1.0	-0.8	-1.0	1.6	2	2
F1RSG9	PIG Uncharacterized protein (Fragment)	LOC100152491	-1.3	-1.5	-1.5	-1.2	-0.8	-0.7	-0.5	-0.3	3	3
A5GF58	PIG Vesicle-associated membrane protein-associated protein B	VAPB	-1.3	-2.1	-1.3	-1.0	-0.7	-0.2	0.0	1.1	10	8
P11216	HUMAN Glycogen phosphorylase, brain form	PYGB	-0.7	-2.0	-1.6	-1.3	-1.5	-0.2	0.5	0.3	5	6
F1RIJ7	PIG Uncharacterized protein	TAS1R1	-1.3	-1.7	-1.5	-1.2	-0.6	0.1	1.5	1.7	1	1
F1S8H5	PIG Uncharacterized protein	APEX1	-1.5	-1.3	-1.5	-1.3	-0.1	-1.2	-0.1	1.1	3	4
F1RT96	PIG Uncharacterized protein	ACSF2	-1.5	-2.0	-1.4	-0.9	-1.2	-2.2	-2.1	-2.3	6	9
F1STL5	PIG Uncharacterized protein	TMEM200B	-1.4	-1.7	-1.3	-1.2	0.1	-0.9	-0.4	0.4	1	1
Q29582	PIG Pyruvate kinase M2 (Fragment)	NA	-1.1	-2.0	-1.6	-1.0	-0.5	-0.3	-0.5	0.7	1	1
P12675	PIG Calpastatin	CAST	-1.8	-1.7	-1.4	-0.8	1.7	1.6	0.6	0.3	20	22
Q9HAU0-2	HUMAN Isoform 2 of Pleckstrin homology domain-containing family A member 5	PLEKHA5	-1.9	-1.1	-1.5	-1.2	-1.9	-1.0	-2.0	-2.5	1	1
Q6ZU56	HUMAN cDNA FLJ43984 fis, clone TESTI4018886, weakly similar to M-protein, striated muscle	NA	-1.2	-0.9	-1.8	-1.8	-1.4	-1.5	1.4	0.9	1	1
P28768	PIG Superoxide dismutase [Mn], mitochondrial (Fragment)	SOD2	-1.4	-0.2	-1.8	-2.3	0.2	-0.4	1.6	0.6	7	8
O00330	HUMAN Pyruvate dehydrogenase protein X component, mitochondrial	PDHX	-0.5	-0.8	-2.0	-2.4	0.9	0.3	0.9	0.3	3	1
Q562R0	HUMAN Actin-like protein (Fragment)	ACT	-0.1	-1.3	-2.0	-2.4	-0.5	-1.1	-0.1	-0.7	1	1
F1SAW8	PIG Calsequestrin (Fragment)	CASQ2	-1.3	-0.7	-1.7	-2.0	-1.2	-1.5	-2.7	-2.8	6	6
Q2EN81	PIG ATP synthase subunit O, mitochondrial	ATP5O	-1.3	-0.7	-1.8	-2.1	-1.7	-1.6	-1.2	0.1	14	16
F1SP27	PIG Uncharacterized protein (Fragment)	IKBKAP	-0.9	-1.9	-1.8	-1.2	0.5	0.3	-0.2	-0.3	1	2
F1SRV4	PIG Uncharacterized protein	GSTK1	-0.8	-1.5	-1.8	-1.6	-0.9	-0.9	-0.5	-0.1	6	7
P05207	PIG cAMP-dependent protein kinase type II-alpha regulatory subunit (Fragment)	PRKAR2A	-1.6	-1.9	-1.3	-1.0	0.2	0.6	-0.1	-1.3	3	3
F1STY7	PIG Uncharacterized protein	AAMDC	-1.0	-1.8	-1.7	-1.3	0.2	-0.1	0.0	-0.8	3	3
Q8WNNW4	PIG Beta-catenin	CTNNB1	-1.5	-1.8	-1.4	-1.1	-0.5	-0.6	-0.8	-0.5	19	18
Q9MZ15	PIG Voltage-dependent anion-selective channel protein 2	VDAC2	-1.2	-1.2	-1.7	-1.7	-2.0	-1.7	-1.3	-0.8	9	8
P38432	HUMAN Coilin	COIL	-1.7	-2.1	-1.2	-0.9	-0.2	0.0	1.2	1.7	1	1
Q0R678	PIG DJ-1 protein	PARK7	-1.6	-1.9	-1.4	-0.8	0.0	-0.5	-0.4	-1.4	3	4
F1RNZ1	PIG Cytochrome b-c1 complex subunit Rieske, mitochondrial	UQCRCF51	-1.3	-0.7	-1.6	-2.3	-1.6	-1.6	-1.4	-0.4	14	15
F1RL80	PIG Branched-chain-amino-acid aminotransferase	BCAT2	-0.7	-1.4	-1.9	-1.8	-1.1	-2.6	-2.1	-2.8	11	13
I3LPP1	PIG Fumarate hydratase, mitochondrial	FH	-0.9	-0.9	-1.9	-2.1	-1.2	-1.6	-1.0	-1.1	2	2
P00506	PIG Aspartate aminotransferase, mitochondrial	GOT2	-0.8	-0.8	-2.0	-2.3	-0.5	-1.4	1.6	-1.0	28	28
Q6MZQ5	HUMAN Putative uncharacterized protein DKFZp686F23130	DKFZp686F23130	-1.5	0.0	-2.0	-2.3	0.7	0.6	1.5	2.3	1	1
F1SLY2	PIG Uncharacterized protein	NDUFA5	-1.3	-0.5	-1.8	-2.2	-0.7	-0.4	-0.9	-1.7	4	5
F1SMR3	PIG Uncharacterized protein	PSIP1	-2.6	-1.6	-1.3	-0.4	-0.6	0.7	1.6	3.9	3	1
F1S5Y5	PIG Uncharacterized protein	STXBP3	-1.7	-1.8	-1.6	-0.8	-1.2	-2.0	-0.9	1.4	4	3
I3L873	PIG Uncharacterized protein	RAVER2	-0.7	-0.5	-2.1	-2.5	-2.6	-2.7	-2.7	-1.1	1	1
F1SK84	PIG Uncharacterized protein (Fragment)	DDX11	-2.1	-1.5	-1.3	-1.0	0.6	0.9	1.4	4.0	2	1

F1SIS9	PIG Uncharacterized protein	NDUFA10	-1.2	-0.8	-1.8	-2.1	-1.1	-0.8	-1.6	-2.0	13	14
G0W2Z1	PIG Troponin T type 2 (Cardiac) (Fragment)	TNNT2	-1.4	-0.4	-1.9	-2.2	-0.2	0.2	-0.4	0.8	4	3
F1S4B5	PIG Uncharacterized protein	PLEKHD1	-1.0	-1.6	-1.4	-1.8	-0.8	-0.7	1.6	1.9	1	1
I3L5C0	PIG Uncharacterized protein (Fragment)	VAPA	-2.0	-2.5	-1.1	-0.4	-0.3	0.0	0.5	1.3	3	4
F1S3Y7	PIG Uncharacterized protein (Fragment)	XDH	-1.5	-1.8	-1.4	-1.3	-1.9	-1.7	-0.6	-0.8	1	1
F1SNA8	PIG Uncharacterized protein	HSDL2	-1.0	-1.9	-1.7	-1.3	-1.5	-0.7	-0.8	0.3	11	12
F1S2E3	PIG Peptidyl-prolyl cis-trans isomerase	LOC100152612	-1.0	-1.2	-2.1	-1.7	-0.7	-0.4	0.0	0.4	7	8
F1RWZ4	PIG Uncharacterized protein	ECI2	-0.7	-1.9	-1.9	-1.5	-0.9	-0.9	-1.5	0.3	10	12
K7GND4	PIG Uncharacterized protein (Fragment)	HSD17B10	-1.1	-1.5	-1.7	-1.6	-0.8	-0.5	-0.4	-1.3	3	3
Q75Z26	PIG Troponin T, slow skeletal muscle	TNNT1	-1.2	-0.2	-2.1	-2.3	0.7	0.9	0.9	0.5	2	2
O95398	HUMAN Rap guanine nucleotide exchange factor 3	RAPGEF3	-2.0	-1.7	-0.9	-1.3	-0.7	-0.9	-1.4	0.6	1	2
P68137	PIG Actin, alpha skeletal muscle	ACTA1	-1.4	-1.1	-1.7	-1.7	-1.5	-1.7	-0.7	-0.7	37	38
A5X497	PIG Cardiac troponin I	TNNI3	-0.8	-0.5	-2.4	-2.2	0.0	0.7	0.9	0.4	22	22
P31641	HUMAN Sodium- and chloride-dependent taurine transporter	SLC6A6	-1.9	-1.9	-1.3	-0.9	-0.8	-0.1	0.3	0.5	1	1
F1S418	PIG Uncharacterized protein	PRDX3	-1.3	-0.6	-1.9	-2.2	0.6	-1.0	-1.2	-4.4	8	6
Q7RTW8	HUMAN Otoancorin	OTOA	-2.2	-1.5	-1.2	-1.0	-1.5	-0.9	-0.8	0.9	1	1
P07951	HUMAN Tropomyosin beta chain	TPM2	-0.6	0.1	-2.6	-2.8	3.0	1.7	-1.2	-5.4	2	2
A5D8V7	HUMAN Coiled-coil domain-containing protein 151	CCDC151	-1.2	-0.8	-2.0	-2.0	-1.1	-0.7	0.0	0.5	1	2
P54296	HUMAN Myomesin-2	MYOM2	-1.3	-1.7	-1.4	-1.5	-1.2	-2.6	-0.6	-0.6	6	3
Q5G6W0	PIG Cofilin 2 (Fragment)	NA	-2.1	-2.2	-1.1	-0.6	-0.3	-0.3	-0.6	-2.2	2	1
Q9NSD9	HUMAN Phenylalanine--tRNA ligase beta subunit	FARSB	-1.6	-2.0	-1.4	-1.0	0.4	0.6	-0.7	-0.2	1	2
F1S5J1	PIG Uncharacterized protein	LRPPRC	-1.7	-2.2	-1.3	-0.9	-1.5	-1.2	-0.3	0.9	1	1
F1RZQ8	PIG Uncharacterized protein	LEMD2	-1.4	-1.8	-1.5	-1.3	2.2	-0.8	-0.4	-0.1	3	1
I3LLH8	PIG Uncharacterized protein	ECI1	-0.9	-1.4	-2.0	-1.7	-0.8	-0.8	-0.2	0.5	6	6
I3L6X6	PIG Uncharacterized protein (Fragment)	NA	-1.1	-1.9	-1.8	-1.2	-0.3	-0.1	1.6	1.0	3	2
F1SHV9	PIG Uncharacterized protein	NA	-1.5	-2.2	-1.6	-0.7	-0.6	-0.8	-0.3	-0.9	2	2
P06576	HUMAN ATP synthase subunit beta, mitochondrial	ATP5B	-0.7	-0.8	-1.8	-2.7	-0.6	-1.0	-0.9	-1.6	1	1
Q6LBZ1	HUMAN MRNA for apolipoprotein E (apo E) (Fragment)	NA	-0.5	-1.5	-1.9	-2.1	0.0	0.4	-0.9	0.2	2	3
F1SAB6	PIG Acyl carrier protein	NDUFAB1	-1.7	-0.3	-1.9	-2.2	0.6	-1.0	-3.1	-5.9	3	3
Q1G1K7	PIG Mitochondrial NAD+isocitrate dehydrogenase 3 beta variant 2	IDH3B	-0.8	-1.8	-1.9	-1.6	-0.6	-0.8	-0.9	-0.6	18	18
Q9UHR6	HUMAN Zinc finger HIT domain-containing protein 2	ZNHIT2	-1.5	-1.6	-1.4	-1.6	-2.3	-2.3	-1.8	0.2	1	1
F1RHA0	PIG Uncharacterized protein (Fragment)	LOC100738911	-0.6	-1.8	-1.7	-2.0	-0.3	-1.1	-2.2	-2.5	1	1
P51668	HUMAN Ubiquitin-conjugating enzyme E2 D1	UBE2D1	-1.9	-2.0	-1.1	-1.1	0.6	-0.2	-0.3	0.7	1	1
P11177	HUMAN Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	PDHB	-1.7	-1.8	-1.5	-1.1	0.3	-0.3	0.2	-0.3	1	1
Q5VST9	HUMAN Obscurin	OBSCN	-1.9	-2.0	-1.2	-0.9	-0.4	-1.2	-0.5	-0.3	10	10
F1S197	PIG Orexin	PPOX	-1.5	-1.8	-1.5	-1.3	0.3	-0.3	-0.4	0.5	1	2
F1RW75	PIG Uncharacterized protein	DSP	-1.6	-2.1	-1.4	-1.1	-0.7	-0.5	-0.1	0.3	76	115
F1S6H0	PIG Uncharacterized protein	KIRREL3	-1.6	-1.4	-1.5	-1.7	-0.8	-0.1	-0.6	0.2	2	1
F1RXF3	PIG Uncharacterized protein	DECR1	-0.6	-1.9	-1.8	-1.7	-1.0	-1.7	0.1	-1.0	13	14
F1RT47	PIG Uncharacterized protein	LOC100519752	-1.3	-1.8	-1.6	-1.4	-1.3	-2.1	-1.4	-0.6	1	4

P11607-2	PIG Isoform SERCA2A of Sarcoplasmic/endoplasmic reticulum calcium ATPase 2
I3LDC1	PIG Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial
F15M75	PIG Uncharacterized protein
E5RJM6	HUMAN Ankyrin repeat domain-containing protein 65
M4MEX3	PIG NLRC5
I3LN63	PIG Uncharacterized protein
P80276	PIG Aldose reductase
F1RUE0	PIG Uncharacterized protein
Q9H4Q3	HUMAN PR domain zinc finger protein 13
F1STY1	PIG NADH dehydrogenase [ubiquinone] 1 subunit C2
P80272	PIG Non-histone chromosomal protein HMG-17
F1RK10	PIG Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial
A1XQT2	PIG Cytochrome c oxidase subunit 6C
A1X899	PIG Beta-tropomyosin
P15918	HUMAN V(D)J recombination-activating protein 1
F8WD11	HUMAN Mitochondrial fission 1 protein
Q96HC4	HUMAN PDZ and LIM domain protein 5
I3LMS3	PIG Uncharacterized protein (Fragment)
F1RUE3	PIG Uncharacterized protein
O00763	HUMAN Acetyl-CoA carboxylase 2
I3LDH5	PIG Uncharacterized protein
F1RSP5	PIG Uncharacterized protein
O18934	PIG Calsequestrin-2 (Fragment)
Q9H7N4	HUMAN Splicing factor, arginine/serine-rich 19
O94875	HUMAN Sorbin and SH3 domain-containing protein 2
F15QT3	PIG Uncharacterized protein (Fragment)
P29376	HUMAN Leukocyte tyrosine kinase receptor
F1SMF9	PIG Uncharacterized protein
I3L670	PIG Uncharacterized protein
A6PVY3	HUMAN Protein FAM177B
F2Z5H2	PIG Uncharacterized protein (Fragment)
Q14160	HUMAN Protein scribble homolog
F1RRP8	PIG Uncharacterized protein
F1SUJ6	PIG Uncharacterized protein
I3LLE3	PIG Uncharacterized protein (Fragment)
A8KA84	HUMAN highly similar to Homo sapiens 2'-5'-oligoadenylate synthetase 3, 100kDa (OAS3)
F1SUT4	PIG Uncharacterized protein
F1SJU8	PIG Uncharacterized protein (Fragment)
P79273	PIG Short-chain specific acyl-CoA dehydrogenase, mitochondrial
F1RQQ7	PIG Phosphorylase (Fragment)

ATP2A2	-0.5	-1.6	-1.9	-2.1	-0.4	-0.4	-0.6	0.0	1	1
SDHB	-1.4	-0.9	-1.8	-2.0	-1.3	-0.7	-0.4	0.9	2	2
MYOM1	-1.4	-2.0	-1.4	-1.4	-1.3	-1.6	-1.2	0.0	86	99
ANKRD65	-2.5	-1.3	-1.1	-1.3	-2.6	-1.7	-0.8	2.5	3	1
NLRC5	-1.7	-1.8	-1.6	-1.2	4.8	13.9	12.1	-1.5	1	1
MRPL54	-0.8	-1.1	-2.0	-2.3	1.0	-0.6	-2.1	-2.8	1	1
AKR1B1	-1.7	-2.4	-1.1	-0.9	-0.6	0.1	0.2	-0.5	6	8
ACOT13	-0.5	-1.4	-2.1	-2.2	-1.3	-1.3	-1.0	-1.0	4	4
PRDM13	-1.0	-1.6	-1.8	-1.8	-2.8	-2.9	-1.7	-1.1	1	1
NDUFC2	-2.0	-1.0	-1.3	-1.9	-1.9	-1.5	-1.3	0.0	6	8
HMG2	-2.9	-0.7	-1.8	-0.8	-0.3	-0.8	-0.7	5.9	3	4
SUCLA2	0.2	-2.1	-2.2	-2.0	-0.8	-0.6	-1.5	-0.5	2	2
COX6C	-1.8	-0.9	-1.6	-1.9	-2.3	-1.8	-0.7	0.8	13	12
TPM2	-1.7	-0.6	-2.3	-1.6	3.2	1.1	-1.3	-6.1	19	11
RAG1	-1.3	-1.0	-1.6	-2.4	-0.8	-0.6	-1.2	-1.9	1	1
FIS1	-1.3	-2.1	-1.4	-1.5	-1.8	-2.4	-1.4	-0.7	2	1
PDLIM5	-1.5	-1.3	-1.8	-1.8	-0.6	-0.8	0.1	-0.7	2	5
NA	-1.5	-2.3	-1.6	-1.0	0.4	1.1	0.6	1.1	1	3
ALDH5A1	-1.1	-1.6	-2.0	-1.7	-1.3	-1.0	-1.5	-0.6	8	11
ACACB	-1.7	-1.8	-1.8	-1.1	0.1	0.7	0.6	1.3	2	1
AOX1	-1.3	-1.7	-1.5	-1.8	-2.0	-1.4	-0.7	0.8	1	2
LOC100524618	-1.5	-1.3	-1.7	-1.9	0.3	-1.2	-0.1	-1.6	8	9
CASQ2	-1.8	-0.9	-1.7	-2.0	-1.7	-1.9	-2.7	-2.7	6	5
SCAF1	-1.8	-1.4	-1.7	-1.4	-1.5	-2.1	-1.8	0.6	1	1
SORBS2	-1.9	-2.3	-1.4	-0.9	0.2	0.9	0.7	0.0	14	15
SLC25A3	-1.7	-1.1	-1.8	-1.8	-3.0	-2.2	-1.7	-0.4	22	21
LTK	-1.4	-2.0	-1.6	-1.3	-0.4	0.0	1.2	2.6	1	1
LOC100525437	-1.9	-0.5	-1.5	-2.5	-1.3	-1.0	-1.1	0.1	6	6
NA	-1.5	-2.4	-1.7	-0.9	-1.7	-4.3	-1.5	-1.0	2	2
FAM177B	-2.2	-1.8	-1.5	-1.0	-2.6	-0.6	-0.6	-0.2	1	1
ATAD1	-1.7	-1.9	-1.7	-1.3	-1.1	-1.2	-0.1	-0.1	2	3
SCRIB	-1.7	-1.2	-2.0	-1.7	-0.2	-1.7	-0.4	-0.7	1	2
TMEM65	-1.7	-1.4	-1.8	-1.6	-0.8	-0.3	-0.9	-0.4	4	5
CTNNA3	-1.2	-1.7	-1.9	-1.6	-0.7	-0.9	-0.4	0.0	1	1
LOC100520636	-1.0	-1.8	-1.9	-1.7	-1.3	-1.1	-0.1	0.9	27	32
NA	-2.2	-2.2	-1.4	-0.7	-2.2	-2.0	-1.3	0.0	1	1
RELT	-1.5	-1.5	-1.8	-1.7	-1.4	-1.0	-1.3	-0.5	1	1
PHF21B	-1.6	-1.7	-1.6	-1.6	-0.5	-0.8	0.6	0.1	1	1
ACADS	-1.1	-1.9	-1.8	-1.7	-0.5	-0.9	-0.9	-0.8	10	11
PYGB	-1.5	-2.3	-1.6	-1.2	-1.0	-0.3	0.1	0.7	44	44

E7EBY5	PIG MACRO domain containing protein 1	MACROD1	-1.4	-2.0	-1.8	-1.4	-0.6	-0.7	-0.8	-1.2	5	4
F1RRL4	PIG Uncharacterized protein	LOC100739861	-2.4	-2.0	-1.7	-0.5	-3.2	-3.2	-2.2	-0.6	1	1
Q6F5E7	HUMAN Protein TXNRD3NB	TXNRD3NB	-1.0	-1.7	-2.1	-1.8	-2.0	-1.5	-0.6	-0.4	1	1
Q7M337	PIG Creatine kinase chain M2 (Fragment)	NA	-2.4	-1.8	-1.4	-1.0	-1.4	-1.8	-1.0	-0.8	1	1
F1SDC7	PIG Uncharacterized protein	ALDH3A2	-2.2	-2.1	-1.4	-0.9	-2.3	-2.0	-2.5	-0.2	9	10
Q2HYU1	PIG Mitochondrial creatine kinase 2	CKMT2	-0.6	-1.0	-2.4	-2.6	1.2	0.7	1.5	0.0	13	14
I3LES8	PIG Uncharacterized protein (Fragment)	NA	-0.8	-1.9	-2.0	-2.0	-1.2	-1.2	-1.0	1.0	5	6
Q8HZQ4	PIG Thioredoxin reductase (Fragment)	TrxR1	-1.9	-1.9	-1.8	-1.0	-1.5	-1.2	-0.6	0.5	1	2
K7GM59	PIG Uncharacterized protein (Fragment)	ABCD1	-2.4	-2.2	-1.4	-0.7	-2.3	-1.5	0.0	-1.1	1	1
O60934	HUMAN Nibrin	NBN	-0.9	-1.0	-2.4	-2.4	-2.5	-2.2	-1.7	-1.6	2	2
F1RKG8	PIG Uncharacterized protein	PEBP1	-2.0	-2.2	-1.4	-1.1	-0.2	0.6	1.5	-1.4	9	9
P53590	PIG Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial (Fragment)	SUCLG2	-0.9	-1.9	-2.1	-1.8	-0.1	0.0	-0.2	-1.4	21	19
C3RZA5	PIG SET and MYND domain-containing 1	SMYD1	-1.5	-2.5	-1.5	-1.2	-1.4	-1.8	-0.4	-0.4	10	14
F1SSG2	PIG Uncharacterized protein	TBC1D2	-1.8	-1.3	-1.5	-2.1	-1.8	-2.9	-0.7	1.6	2	1
Q66GS9	HUMAN Centrosomal protein of 135 kDa	CEP135	-1.3	-1.2	-2.2	-2.1	0.5	0.8	0.4	1.1	1	1
I3LU12	PIG Uncharacterized protein	NA	-1.9	-2.1	-1.6	-1.1	-0.2	-0.3	0.4	0.8	1	1
F1S3H1	PIG Uncharacterized protein	ALDH6A1	-0.9	-1.9	-2.0	-1.9	-0.4	-0.6	-1.3	-1.1	21	20
F1SE25	PIG Uncharacterized protein (Fragment)	NA	-1.6	-2.3	-1.7	-1.2	-1.0	-0.3	0.3	0.8	1	2
Q13470	HUMAN Non-receptor tyrosine-protein kinase TNK1	TNK1	-1.4	-2.1	-1.9	-1.4	-0.3	0.2	-0.8	-1.0	1	1
Q9BYX7	HUMAN Putative beta-actin-like protein 3	POTEKP	-1.5	-1.5	-1.7	-2.0	-0.7	-0.1	-0.5	-0.8	3	3
F1SQX8	PIG Uncharacterized protein	NA	-1.3	-2.0	-1.9	-1.6	-1.1	-1.7	-2.1	-1.8	11	15
P24462	HUMAN Cytochrome P450 3A7	CYP3A7	-1.5	-1.1	-1.7	-2.5	-2.0	-2.3	-2.6	-0.7	1	1
F1SK95	PIG Uncharacterized protein	CPOX	-1.9	-1.3	-1.9	-1.7	0.6	1.3	0.3	0.0	1	1
Q6ZN06	HUMAN Zinc finger protein 813	ZNF813	-1.8	-1.3	-2.1	-1.5	0.4	-0.1	-1.6	-0.9	1	1
E9PAV3	HUMAN Nascent polypeptide-associated complex subunit alpha	NACA	-1.4	-1.9	-2.2	-1.4	1.3	-0.2	-0.1	0.9	1	2
I3LV28	PIG Uncharacterized protein	REPIN1	-3.0	-2.2	-0.9	-0.7	-1.8	-0.6	-0.1	0.5	1	1
Q1AG08	PIG Calsarcin 1	NA	-1.9	-1.4	-1.7	-1.8	-0.1	0.5	0.1	-0.6	25	25
F1RRH7	PIG Uncharacterized protein	LOC100157153	-0.8	-1.9	-2.4	-1.7	-1.4	-0.5	-0.9	-0.3	1	1
Q8NCU1-2	HUMAN Isoform 2 of Uncharacterized protein encoded LINC00521	LINC00521	-0.6	-2.4	-2.1	-1.9	-1.6	-1.9	-1.7	-0.6	1	1
Q6Q781	PIG Calpastatin	CAST	-1.1	-1.9	-2.4	-1.5	1.4	1.8	0.1	1.0	2	5
Q9Y281	HUMAN Cofilin-2	CFL2	-1.9	-2.7	-1.4	-0.9	-1.1	-0.9	-0.4	-1.6	4	6
F1RR11	PIG Uncharacterized protein	LOC100517937	-1.6	-1.4	-1.8	-2.1	-1.6	-1.4	-1.2	-0.4	1	1
P13804	HUMAN Electron transfer flavoprotein subunit alpha, mitochondrial	ETFA	-1.5	-2.1	-1.9	-1.4	0.2	0.0	0.3	0.3	2	1
A5YM48	HUMAN MYBPC3 protein	MYBPC3	-1.7	-2.3	-1.6	-1.2	-2.0	-1.9	-0.5	0.4	5	4
F1SAK6	PIG Uncharacterized protein	ATP5L	-1.7	-1.1	-2.0	-2.2	-2.3	-3.0	-2.8	-1.8	6	6
Q9BXT8	HUMAN RING finger protein 17	RNF17	-2.1	-1.5	-1.7	-1.6	-1.0	-0.9	0.2	0.6	1	1
P05413	HUMAN Fatty acid-binding protein, heart	FABP3	-1.3	-2.5	-1.7	-1.5	-0.2	-0.8	-0.8	-3.0	1	2
Q6ZM23	HUMAN Nesprin-3	SYNE3	-1.8	-1.6	-1.9	-1.8	-3.1	-3.1	-5.0	-3.2	1	1
A5GFX4	PIG ATP synthase, H+ transporting, mitochondrial F1 complex, epsilon subunit	ATP5E	-1.6	-1.4	-2.0	-1.9	-2.7	-3.4	-1.4	-0.3	2	2
F1S4B8	PIG Uncharacterized protein	EXD2	-1.9	-2.2	-1.7	-1.2	1.8	0.4	1.4	0.1	1	2

P42765	HUMAN 3-ketoacyl-CoA thiolase, mitochondrial
F1SED0	PIG Uncharacterized protein (Fragment)
K7GMN1	PIG Uncharacterized protein
F1RZW0	PIG Uncharacterized protein (Fragment)
F1RVL5	PIG Uncharacterized protein (Fragment)
I3LLA0	PIG Uncharacterized protein
Q7SIB7	PIG Phosphoglycerate kinase 1
B4DEF0	HUMAN Calsequestrin
Q9NRP7	HUMAN Serine/threonine-protein kinase 36
Q9UBB4	HUMAN Ataxin-10
I3LBC3	PIG Uncharacterized protein
Q96FJ2	HUMAN Dynein light chain 2, cytoplasmic
F1RFI1	PIG Elongation factor Tu
F1RI18	PIG Uncharacterized protein
Q6UV40	PIG Fructose-bisphosphate aldolase A (Fragment)
Q9UPS8	HUMAN Ankyrin repeat domain-containing protein 26
Q7Z3D6	HUMAN UPF0317 protein C14orf159, mitochondrial
P61604	HUMAN 10 kDa heat shock protein, mitochondrial
F1SEN8	PIG Uncharacterized protein
Q6ZNE1	HUMAN Eukaryotic translation initiation factor 3 subunit A
H0YCB4	HUMAN Transcription factor p65 (Fragment)
F8W6J3	HUMAN Protein C19orf12
Q59EF7	HUMAN Transducin-like enhancer protein 1 variant (Fragment)
H9LBU6	PIG Nuclear factor (Erythroid-derived 2)-like 2 (Fragment)
F1RTN1	PIG Uncharacterized protein
F1SEK2	PIG Uncharacterized protein
D0G0B3	PIG Acetyl-Coenzyme A acyltransferase 2
F1SA09	PIG Uncharacterized protein
I3L560	PIG Uncharacterized protein (Fragment)
Q8IUZ0	HUMAN Leucine-rich repeat-containing protein 49
I3LCP0	PIG Uncharacterized protein (Fragment)
F1RLH7	PIG Uncharacterized protein
F1SBC3	PIG Uncharacterized protein
P12026	PIG Acyl-CoA-binding protein
O76041	HUMAN Nebulette
I3L9K5	PIG Uncharacterized protein
I3L7T8	PIG Uncharacterized protein
Q0MUU2	PIG Small muscular protein
F1SSR4	PIG Uncharacterized protein
O43653	HUMAN Prostate stem cell antigen

ACAA2	-1.1	-1.1	-2.2	-2.6	-0.9	-1.3	-1.2	-1.0	2	2
ACADSB	-1.2	-2.2	-2.0	-1.7	-0.2	0.2	-0.8	-1.4	12	12
COX7B	-1.9	-1.7	-1.7	-1.7	-2.8	-2.6	-2.2	1.5	2	2
NA	-2.0	-1.8	-1.8	-1.5	0.1	0.1	-0.6	-0.4	5	5
MYOM2	-1.4	-1.9	-1.9	-1.8	-1.8	-2.2	-1.7	-0.1	53	63
RBM25	-2.4	-2.5	-1.3	-0.8	-1.7	-1.1	1.0	1.5	2	1
PGK1	-2.6	-2.7	-1.2	-0.6	-0.5	0.2	0.3	-0.1	30	27
NA	-1.8	-1.5	-1.6	-2.2	-1.6	-2.3	-2.9	-2.6	1	1
STK36	-2.2	-2.4	-1.5	-1.0	-2.8	-1.5	-1.3	-0.4	1	1
ATXN10	-1.1	-1.8	-2.2	-2.1	-2.0	-0.2	-1.1	-1.2	1	1
FHOD3	-2.0	-2.6	-1.5	-1.0	-1.3	-1.2	-0.3	-0.1	2	3
DYNLL2	-1.6	-2.1	-2.0	-1.4	-1.8	-1.5	-0.8	0.2	1	1
TUFM	-1.6	-2.4	-1.7	-1.4	-0.8	-0.8	-1.1	-0.6	23	21
UQCRQ	-2.1	-1.6	-1.6	-1.8	-2.2	-1.7	-1.2	-0.1	6	7
ALDOA	-1.8	-2.7	-1.6	-1.0	-0.3	0.3	0.4	0.9	5	5
ANKRD26	-0.9	-1.0	-2.4	-2.9	-1.8	1.7	-1.0	-0.4	1	1
C14orf159	-1.1	-2.3	-2.1	-1.6	-2.1	-1.9	-1.7	-0.9	1	1
HSPE1	-1.7	-1.9	-1.7	-1.9	-2.4	-6.3	-3.9	-8.6	1	1
LDB3	-1.4	-1.9	-2.0	-1.9	-0.4	0.0	-0.3	-0.6	26	28
EIF3A	-1.3	-1.5	-2.1	-2.3	-0.2	0.0	0.3	-0.4	1	1
RELA	-1.1	-1.8	-2.3	-1.9	-0.8	-0.7	-1.1	-1.1	1	1
C19orf12	-1.9	-1.5	-1.8	-1.9	0.5	-0.1	0.1	-1.2	1	1
NA	-1.7	-0.6	-2.2	-2.7	1.0	0.4	0.5	-0.6	1	1
NFE2L2	-0.9	-2.2	-1.9	-2.2	-0.5	-0.8	-0.5	0.1	1	1
LAS1L	-0.9	-0.6	-2.7	-3.1	0.9	-0.8	-2.4	-5.0	1	1
TTI1	-1.1	-2.1	-2.1	-1.9	0.0	-0.3	0.5	-0.9	1	1
ACAA2	-1.2	-1.6	-2.2	-2.2	-0.5	0.0	0.6	1.2	19	21
ANKRD9	-1.3	-2.3	-1.7	-1.9	-1.6	-3.7	-4.6	-4.3	1	1
KLB	-1.5	-1.5	-2.0	-2.3	0.2	1.0	0.4	1.3	1	1
LRRC49	-1.5	-2.0	-1.9	-1.8	-2.5	-2.4	-1.7	-0.5	1	1
LOC100519531	-1.6	-2.5	-1.7	-1.5	-1.3	-1.4	-0.9	-0.1	11	12
COX6B	-1.7	-1.1	-2.3	-2.2	-1.2	-1.3	-1.4	0.7	5	4
GREB1L	-1.2	0.0	-2.7	-3.4	0.4	0.6	-0.2	0.3	1	1
DBI	-2.4	-2.0	-1.6	-1.4	0.7	-0.3	0.7	0.4	4	6
NEBL	-1.4	-1.9	-2.0	-2.0	-1.7	-0.8	-0.1	1.4	2	5
NUCKS1	-2.7	-2.3	-1.5	-1.0	3.3	1.4	0.5	4.0	3	3
NA	-1.5	-0.8	-2.2	-3.0	-0.6	-0.9	-2.4	-1.8	2	2
SMPX	-1.7	-1.6	-2.0	-2.2	0.7	0.1	2.7	-0.1	3	1
IVD	-1.5	-1.9	-2.1	-1.9	-0.7	-2.1	-2.4	-2.6	16	17
PSCA	-1.9	-1.5	-2.3	-1.8	-1.0	0.1	0.2	0.3	1	1

Q9H2Y7	HUMAN Zinc finger protein 106	ZNF106	-2.3	-2.0	-1.8	-1.4	-0.2	-1.5	0.1	0.4	1	2
I3LIW2	PIG Uncharacterized protein	LTB4R2	-2.0	-1.5	-2.3	-1.7	-0.2	0.1	-0.6	0.6	1	1
Q7Z7L1	HUMAN Schlafen family member 11	SLFN11	-2.1	-2.6	-1.8	-1.0	0.4	-0.3	-0.2	0.5	1	1
I3LP02	PIG Uncharacterized protein	ACAT1	-2.0	-1.5	-2.1	-1.9	-2.3	-1.1	-0.8	-0.5	21	20
P04075	HUMAN Fructose-bisphosphate aldolase A	ALDOA	-1.9	-2.9	-1.7	-1.1	-0.4	0.0	0.8	1.4	16	16
F1SHA2	PIG Uncharacterized protein (Fragment)	GPD1	-1.5	-2.3	-2.1	-1.6	-1.0	-2.1	-2.4	-1.6	3	3
P42639	PIG Tropomyosin alpha-1 chain	TPM1	-2.0	-0.2	-2.6	-2.8	3.7	2.0	-0.7	-7.4	43	35
F1S814	PIG Uncharacterized protein	PGM1	-2.1	-2.5	-1.7	-1.3	-0.2	-0.8	2.1	1.1	15	19
F1RRN7	PIG Uncharacterized protein	MTMR4	-0.9	-2.2	-2.7	-1.8	2.6	7.0	6.5	-0.1	1	1
P79293	PIG Myosin-7	MYH7	-1.7	-1.8	-2.0	-2.1	-2.5	-2.3	-1.4	-0.1	214	229
P00889	PIG Citrate synthase, mitochondrial	CS	-1.9	-1.1	-2.4	-2.2	-2.3	-2.7	-1.3	-0.3	16	17
P11607	PIG Sarcoplasmic/endoplasmic reticulum calcium ATPase 2	ATP2A2	-1.5	-2.3	-2.0	-1.8	-1.7	-1.1	-0.7	1.2	46	51
K7GMB9	PIG Uncharacterized protein	ADHFE1	-1.1	-2.0	-2.2	-2.3	0.2	0.5	1.4	-1.6	3	3
Q96SD1	HUMAN Protein artemis	DCLRE1C	-1.4	-1.4	-2.6	-2.2	0.0	-0.1	-1.5	-0.2	2	1
P56471	PIG Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial (Fragments)	IDH3A	-0.7	-2.1	-2.6	-2.2	0.3	0.6	0.0	-0.8	3	3
Q9BR39	HUMAN Juncctophilin-2	JPH2	-2.0	-2.4	-2.1	-1.3	-0.2	-0.3	-0.7	0.6	1	3
F1RZQ6	PIG Uncharacterized protein	SLC25A4	-1.8	-0.9	-2.3	-2.8	-2.2	-1.6	2.1	0.2	3	3
H7C2X8	HUMAN cAMP-regulated phosphoprotein 21 (Fragment)	ARPP21	-1.6	-1.5	-2.6	-1.9	-0.5	0.4	-1.6	-0.4	1	1
I3LNB4	PIG Uncharacterized protein (Fragment)	ALDH4A1	-1.6	-2.4	-2.0	-1.7	-0.6	-1.2	-1.7	-1.7	15	17
O14777	HUMAN Kinetochores protein NDC80 homolog	NDC80	-1.9	-1.7	-1.7	-2.5	1.2	-1.1	-0.1	-1.8	1	1
F1SC49	PIG Uncharacterized protein (Fragment)	SORBS1	-2.1	-2.3	-1.8	-1.5	0.0	0.5	-0.4	-0.5	21	26
Q15124	HUMAN Phosphoglucomutase-like protein 5	PGM5	-2.0	-2.7	-1.9	-1.3	-1.5	-1.9	-0.4	-0.2	1	1
A4GR69	PIG Telethonin	TCAP	-1.9	-2.2	-1.9	-1.8	-1.4	-2.6	-2.6	-2.5	6	8
F1RVG6	PIG Uncharacterized protein	NEBL	-2.1	-2.3	-1.8	-1.6	-0.6	-0.3	-0.4	0.0	60	72
O95996	HUMAN Adenomatous polyposis coli protein 2	APC2	-1.7	-2.0	-2.1	-2.0	-2.8	-2.6	-1.1	-0.3	2	2
F1SNU8	PIG Uncharacterized protein	NA	-2.1	-1.9	-2.2	-1.6	1.0	-0.3	1.9	0.1	1	1
F1SNF7	PIG Uncharacterized protein (Fragment)	LOC100511293	-2.7	-2.0	-1.9	-1.2	0.3	-0.5	-0.1	0.5	1	1
Q95266	PIG Calcium/calmodulin-dependent protein kinase type II subunit delta	CAMK2D	-2.1	-3.0	-1.7	-1.1	-1.3	-0.9	-0.3	0.0	16	17
Q5TH69	HUMAN Brefeldin A-inhibited guanine nucleotide-exchange protein 3	ARFGEF3	-1.6	-2.7	-1.8	-1.7	-1.1	-1.2	-1.0	0.2	1	1
K7GPJ6	PIG Uncharacterized protein	MRPL3	-1.1	-2.2	-2.2	-2.3	0.7	0.0	-0.5	0.5	1	1
I3LJ05	PIG Uncharacterized protein	C21orf33	-1.7	-1.9	-2.3	-2.0	-0.9	-1.0	0.7	-1.5	10	10
I3L7N1	PIG Uncharacterized protein	LOC100154079	-1.6	-2.2	-2.3	-1.8	-1.3	-1.7	-0.2	0.2	2	2
Q9Y2P5	HUMAN Bile acyl-CoA synthetase	SLC27A5	-1.5	-2.5	-2.1	-1.7	-1.6	-1.9	-1.6	-1.5	1	1
I3LM00	PIG Uncharacterized protein	NA	-1.3	-1.7	-2.3	-2.7	-0.8	0.0	-0.3	-0.3	1	1
I3L814	PIG Uncharacterized protein (Fragment)	ARSE	-0.4	-1.6	-2.7	-3.2	1.0	1.3	0.0	-0.4	1	1
F1STS2	PIG Uncharacterized protein	ARID1A	-1.4	-1.9	-2.1	-2.6	0.1	-0.5	0.0	-0.2	1	1
F1RW07	PIG Uncharacterized protein	NA	-2.5	-2.1	-1.6	-1.7	-1.4	-1.9	0.2	1.9	3	2
O75323	HUMAN Protein NipSnap homolog 2	GBAS	-1.5	-1.8	-2.4	-2.2	-1.5	-2.0	-1.9	-1.4	6	7
O19069	PIG Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial	SUCLG1	-1.7	-2.5	-2.2	-1.6	-1.4	-1.4	-0.9	-0.7	11	11
F1SHH1	PIG Uncharacterized protein (Fragment)	EGLN3	-2.4	-1.9	-1.9	-1.9	-1.8	-2.1	-1.7	-0.7	1	1

Q5S3G4	PIG Cytochrome c oxidase subunit 5B, mitochondrial	COX5B	-2.3	-1.0	-2.0	-2.7	-0.8	-2.5	-1.7	-0.3	9	9
F1SGH5	PIG Uncharacterized protein	PDHB	-1.2	-2.3	-2.4	-2.2	-0.7	-0.1	-0.5	-1.0	17	17
I3LS66	PIG Uncharacterized protein	TNNT2	-1.7	-1.0	-2.6	-2.8	1.0	1.1	0.4	-0.6	23	24
O97580	PIG Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial (Fragment)	SUCLA2	-1.3	-2.4	-2.3	-2.0	-1.0	-1.1	-0.9	0.1	17	17
F1RU20	PIG Uncharacterized protein	MUS81	-1.0	-1.3	-3.0	-2.7	-1.8	-1.1	-1.6	0.0	1	2
I3LNM6	PIG Uncharacterized protein	CEP250	-2.6	-2.1	-2.0	-1.4	0.3	-0.3	0.9	2.2	2	1
Q8IYR0	HUMAN UPF0704 protein C6orf165	C6orf165	-1.7	-2.0	-2.1	-2.3	-1.4	-1.7	-1.0	-0.4	1	1
B5KJG2	PIG Phosphoglycerate mutase 2	PGAM2	-2.1	-2.8	-1.9	-1.3	0.3	0.4	1.9	-0.1	13	13
Q8N386	HUMAN Leucine-rich repeat-containing protein 25	LRRC25	-2.2	-1.5	-2.0	-2.6	-1.4	-2.3	-2.1	-1.9	1	1
A6NFR6-2	HUMAN Isoform 2 of Putative uncharacterized protein C5orf60	C5orf60	-2.5	-2.5	-1.7	-1.5	-0.8	-0.5	-0.8	-0.6	1	1
Q05639	HUMAN Elongation factor 1-alpha 2	EEF1A2	-2.2	-3.1	-1.7	-1.3	-1.4	-1.1	-1.3	-0.4	8	9
P24964	PIG Cytochrome b	MT-CYB	-1.9	-1.7	-2.4	-2.3	-2.5	-1.8	-1.2	1.1	5	4
F1RKU0	PIG Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	IDH3A	-1.2	-2.5	-2.4	-2.2	-0.2	0.0	0.3	-0.7	12	13
F1SAY0	PIG Uncharacterized protein (Fragment)	PTGFRN	-2.4	-2.7	-1.9	-1.3	-0.1	0.5	-0.1	1.4	1	1
Q2HYU2	PIG 6-phosphofructokinase, muscle type	PFKM	-2.2	-2.8	-1.9	-1.5	-1.0	-1.5	0.8	0.2	27	34
P00348	PIG Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial	HADH	-1.7	-1.9	-2.6	-2.2	-2.1	-1.5	-1.7	-0.5	25	27
I3LLT8	PIG Uncharacterized protein (Fragment)	NA	-1.7	-2.3	-2.4	-1.9	0.4	-0.2	0.4	0.9	2	1
F2Z5B6	PIG Tropomyosin alpha-1 chain	TPM1	-2.3	-0.1	-2.8	-3.2	2.5	1.0	-2.0	-9.8	5	5
I3L5Y2	PIG Uncharacterized protein	BAHCC1	-2.2	-2.5	-2.0	-1.8	0.1	-2.0	-2.1	-2.3	1	1
F1RTR7	PIG Uncharacterized protein	YOD1	-1.7	-3.6	-1.9	-1.3	-0.6	-0.7	-0.5	0.4	1	1
K7EL89	HUMAN Spermidine synthase (Fragment)	SRM	-2.6	-2.5	-1.6	-1.7	-0.6	0.1	0.4	-0.3	2	2
G3DR80	HUMAN MHC class I antigen (Fragment)	HLA-A	-2.4	-2.9	-1.7	-1.5	-2.1	-1.2	-0.8	0.6	1	1
P26678	HUMAN Cardiac phospholamban	PLN	-2.4	-2.5	-2.2	-1.4	0.3	-0.4	-0.4	-1.0	1	1
Q96RN5	HUMAN Mediator of RNA polymerase II transcription subunit 15	MED15	-1.2	-3.1	-2.5	-1.9	-1.3	-1.9	-1.7	-0.7	1	1
A8K6S3	HUMAN cDNA FLJ77570, highly similar to Homo sapiens pleckstrin (PLEKHC1)	NA	-1.5	-2.2	-2.7	-2.1	-1.0	-1.3	-1.3	-1.3	1	1
A1XQS3	PIG Mitochondrial NDUFA4	NDUFA4	-1.7	-1.6	-2.7	-2.6	-2.5	-1.9	-2.4	0.8	5	5
B4DW52	HUMAN cDNA FLJ55253, highly similar to Actin, cytoplasmic 1	NA	-1.9	-1.9	-2.2	-2.6	-1.4	-1.9	-1.6	-1.3	2	2
Q9UPW5-3	HUMAN Isoform 3 of Cytosolic carboxypeptidase 1	AGTPBP1	-1.7	-2.2	-2.2	-2.5	-0.1	-0.8	-1.7	-0.4	2	1
I3LM75	PIG Uncharacterized protein	LOC100627469	-2.3	-1.7	-2.5	-2.2	-0.9	0.4	0.7	1.3	2	2
Q6B339	PIG Acyl coenzyme A synthetase long-chain 1 (Fragment)	NA	-2.4	-2.5	-2.0	-1.9	-1.7	-1.4	-0.9	0.5	22	26
M3VH80	PIG Solute carrier family 25 (Aspartate/glutamate carrier), member 13 tv2	SLC25A13	-2.2	-2.0	-2.3	-2.2	-1.2	1.3	-2.2	2.9	1	1
Q9HBB8	HUMAN Cadherin-related family member 5	CDHR5	-2.5	-2.0	-2.1	-2.1	-0.9	-0.4	0.6	-0.2	1	1
O75112-4	HUMAN Isoform 4 of LIM domain-binding protein 3	LDB3	-1.6	-1.9	-2.6	-2.6	-1.0	0.3	0.4	0.0	1	2
I3LCN1	PIG Uncharacterized protein	ENO2	-2.1	-2.9	-2.1	-1.7	-0.6	-1.0	-1.2	0.1	3	2
Q9TDR1	PIG NADH-ubiquinone oxidoreductase chain 5	MT-ND5	-2.3	-2.5	-2.2	-1.8	-1.0	-0.7	0.4	0.0	2	6
P00346	PIG Malate dehydrogenase, mitochondrial	MDH2	-1.4	-2.2	-2.9	-2.4	-1.6	-1.3	-1.3	-0.8	18	18
O02773	PIG Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA	MAN1A1	-2.2	-2.2	-2.4	-2.1	-0.1	0.8	-1.3	0.4	1	1
Q6UQA8	PIG Electron transfer flavoprotein subunit beta	ETFB	-2.1	-2.8	-2.4	-1.7	-1.2	-1.0	-0.4	-0.3	14	15
F1S5B0	PIG Uncharacterized protein	PPP1R12B	-2.1	-2.9	-2.2	-1.7	1.7	0.2	0.4	0.5	7	10
F1SRC5	PIG Aconitate hydratase, mitochondrial (Fragment)	ACO2	-1.2	-2.0	-3.0	-2.7	-0.5	0.1	-0.2	0.5	2	2

P16276	PIG Aconitate hydratase, mitochondrial	ACO2	-1.7	-2.2	-2.6	-2.4	-2.3	-2.1	-0.8	0.2	41	42
P40939	HUMAN Trifunctional enzyme subunit alpha, mitochondrial	HADHA	-1.1	-2.9	-2.1	-2.9	-2.0	-4.3	-1.5	-7.2	2	1
I3LDE6	PIG Uncharacterized protein	ROPN1L	-0.8	-3.0	-2.8	-2.5	-0.5	0.6	0.1	0.7	1	2
F1SCV4	PIG Uncharacterized protein (Fragment)	KNDC1	-2.1	-2.4	-2.6	-2.0	-1.8	-1.8	0.5	-1.4	2	1
F1SDE0	PIG Uncharacterized protein	ANKRD35	-1.6	-2.8	-2.5	-2.2	-0.5	0.2	0.1	0.3	1	1
P14618-2	HUMAN Isoform M1 of Pyruvate kinase PKM	PKM	-2.2	-3.2	-2.1	-1.8	-1.4	-0.9	0.1	1.0	4	4
O95025	HUMAN Semaphorin-3D	SEMA3D	-2.7	-2.6	-1.8	-2.1	-1.8	-2.6	-0.3	1.1	1	2
I3LAP4	PIG Uncharacterized protein	PCDHGA5	-2.4	-2.2	-2.3	-2.3	-3.7	-2.8	-3.3	0.3	1	1
I3LLU0	PIG Uncharacterized protein	GPD1L	-2.5	-2.8	-2.2	-1.7	-1.2	-1.6	-1.2	-0.1	15	14
Q5TFQ5	HUMAN Signal-regulatory protein delta	SIRPD	-2.2	-1.8	-2.5	-2.8	-2.3	-2.1	-1.2	-2.2	1	1
P46013	HUMAN Antigen KI-67	MKI67	-2.1	-2.8	-2.3	-2.0	-4.2	-4.1	-1.7	1.2	2	2
F1SQA5	PIG Uncharacterized protein	HRH1	-2.8	-2.9	-2.1	-1.4	-0.8	-1.4	-0.7	0.0	1	1
K7GSK1	PIG Uncharacterized protein	ART3	-2.0	-2.7	-3.0	-1.6	-0.4	-0.3	0.4	0.3	1	1
P00503	PIG Aspartate aminotransferase, cytoplasmic	GOT1	-2.1	-3.1	-2.4	-1.9	0.6	0.8	2.7	-0.4	25	27
Q1KYT0	PIG Beta-enolase	ENO3	-2.2	-3.1	-2.2	-1.9	0.5	0.7	3.1	0.2	31	32
Q96AX2	HUMAN Ras-related protein Rab-37	RAB37	-1.9	-3.3	-2.5	-1.7	-0.5	-0.2	0.4	0.6	1	1
Q29594	PIG Creatine kinase B-type (Fragment)	CKB	-2.4	-2.7	-2.5	-1.7	-1.6	0.5	-0.6	-0.1	2	1
B4DP05	HUMAN Formin-2	FMN2	-2.4	-2.4	-2.2	-2.4	-3.2	-2.0	-0.6	0.3	1	1
O75112-2	HUMAN Isoform 2 of LIM domain-binding protein 3	LDB3	-2.1	-2.0	-2.7	-2.6	-1.8	-1.0	-1.1	-1.3	3	2
Q8TC20	HUMAN Cancer-associated gene 1 protein	CAGE1	-2.7	-2.0	-2.4	-2.4	-2.0	-2.2	-1.4	-0.4	1	1
F1SJK4	PIG Uncharacterized protein	SLC24A1	-1.9	-3.3	-2.5	-1.7	-1.4	-1.8	-1.1	-0.1	1	2
P00336	PIG L-lactate dehydrogenase B chain	LDHB	-2.4	-3.6	-2.2	-1.3	-0.9	-2.1	1.0	-1.0	21	19
P29804	PIG Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial (Fragment)	PDHA1	-1.8	-3.0	-2.6	-2.1	-1.0	-0.7	-0.8	-0.7	22	26
I3L7Q5	PIG Uncharacterized protein	EVI5L	-2.1	-1.7	-2.9	-2.8	-1.0	-2.1	0.8	0.3	1	3
P62895	PIG Cytochrome c	CYCS	-2.2	-1.6	-2.9	-2.8	-0.6	-0.2	0.6	-0.2	14	14
P06732	HUMAN Creatine kinase M-type	CKM	-1.8	-2.7	-2.7	-2.3	0.5	0.1	-0.1	0.1	1	1
Q14594	HUMAN Neurocan core protein	NCAN	-2.5	-2.5	-2.1	-2.5	-2.8	-2.8	-1.5	-0.5	2	1
Q96HC4-2	HUMAN Isoform 2 of PDZ and LIM domain protein 5	PDLIM5	-2.5	-2.9	-2.4	-1.9	-0.7	-0.7	0.2	0.6	4	4
I3LNY9	PIG Uncharacterized protein	PIAS4	-2.4	-2.5	-2.6	-2.2	-2.0	-1.3	-0.1	0.4	1	1
P52943	HUMAN Cysteine-rich protein 2	CRIP2	-2.2	-3.1	-2.9	-1.6	-1.3	-0.4	-0.1	0.0	1	1
P23297	HUMAN Protein S100-A1	S100A1	-1.7	-2.4	-3.0	-2.7	-0.6	-2.7	-4.6	-4.7	1	1
Q6RVD5	PIG Fatty acid coenzyme A ligase long-chain 2 (Fragment)	FACL2	-2.3	-2.8	-2.5	-2.4	-1.7	-1.4	-1.2	0.2	1	3
O97771	PIG Titin (Fragment)	NA	-3.3	-3.3	-1.9	-1.4	-1.9	-1.9	0.3	2.3	9	12
F1RZF6	PIG Uncharacterized protein (Fragment)	RFX7	-2.9	-3.1	-2.3	-1.6	-0.3	0.4	1.6	0.7	1	1
Q14192	HUMAN Four and a half LIM domains protein 2	FHL2	-2.0	-3.4	-2.6	-2.1	-1.3	-1.8	-0.9	-1.3	1	1
D2SQP3	PIG Cysteine and glycine-rich protein 3	CSRP3	-3.3	-3.4	-2.1	-1.2	-2.7	-1.9	-1.6	-2.1	6	6
P33198	PIG Isocitrate dehydrogenase [NADP], mitochondrial (Fragment)	IDH2	-1.5	-2.8	-3.2	-2.6	-1.3	-1.5	-1.4	-1.1	31	29
A8MQ23	HUMAN Serine/threonine-protein kinase WNK2	WNK2	-1.9	-3.2	-2.8	-2.2	-2.2	-1.3	-1.4	0.3	1	1
P00571	PIG Adenylate kinase isoenzyme 1	AK1	-2.8	-3.0	-2.4	-2.0	-0.4	0.0	-0.4	-1.4	10	12
F1RHL9	PIG Uncharacterized protein	ACTN2	-2.0	-3.4	-2.6	-2.2	-1.6	-2.1	-1.4	-0.7	56	55

F1RFE2	PIG Uncharacterized protein (Fragment)	NA	-2.8	-2.2	-2.7	-2.6	-3.9	-3.3	-2.9	-0.9	1	1
Q29371	PIG Triosephosphate isomerase	TPI1	-3.0	-3.7	-2.2	-1.4	-0.4	-0.3	1.5	-1.6	13	12
F1SBS3	PIG Uncharacterized protein	SYCP1	-2.3	-2.8	-2.5	-2.6	-2.2	-2.4	-1.6	0.3	1	1
P49454	HUMAN Centromere protein F	CENPF	-1.7	-1.5	-3.8	-3.3	-3.1	-1.9	-1.5	0.7	1	2
F1SAC1	PIG Uncharacterized protein	ECHS1	-2.3	-3.2	-2.7	-2.3	-2.0	-2.4	-2.5	-2.9	15	13
O15381	HUMAN Nuclear valosin-containing protein-like	NVL	-2.6	-2.6	-2.8	-2.5	-1.3	-0.8	0.0	-1.4	1	1
B7ZAI1	HUMAN highly similar to Homo sapiens 2-aminoadipic 6-semialdehyde dehydrogenase (AASDH)	NA	-3.7	-2.1	-2.4	-2.4	-3.8	-2.1	-2.3	0.9	1	1
I3LER5	PIG Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	COX4I1	-3.4	-1.8	-2.4	-3.1	-3.5	-3.6	-1.9	0.2	4	4
I3L8N1	PIG Uncharacterized protein (Fragment)	BDH1	-2.4	-3.2	-2.9	-2.3	-2.7	-2.8	-3.3	-1.0	3	3
Q8MKF3	PIG Beta-tropomyosin (Fragment)	TPM2	-3.2	-1.8	-3.2	-2.7	1.9	-0.1	-1.8	-4.6	5	4
F1SID7	PIG Uncharacterized protein	MYBPC3	-2.8	-3.8	-2.4	-1.9	-2.1	-2.3	-1.2	0.0	72	84
F1SJX1	PIG Uncharacterized protein	ETFA	-2.1	-3.2	-3.2	-2.5	-0.6	-0.7	-0.5	-1.1	10	9
Q6S8J3	HUMAN POTE ankyrin domain family member E	POTEE	-3.0	-3.0	-2.5	-2.6	-2.2	-3.0	-1.6	-0.2	2	3
I3L8C9	PIG Uncharacterized protein	LOC100626836	-3.2	-2.0	-2.9	-3.0	-2.3	-1.2	-3.1	-2.5	1	1
Q35914	PIG ATP synthase protein 8	MT-ATP8	0.2	-1.7	-5.0	-5.0	-0.5	-3.7	-12.3	-12.8	1	1
I3LTF9	PIG Uncharacterized protein (Fragment)	NA	-3.0	-1.7	-3.5	-3.3	-0.7	-0.9	1.0	-1.7	1	1
F1RTZ9	PIG Uncharacterized protein	MCMDC2	-3.3	-4.0	-2.5	-1.8	-2.0	-1.2	0.5	1.3	2	2
D0G7F6	PIG Triosephosphate isomerase	TPI1	-3.6	-3.9	-2.5	-1.8	-0.4	0.1	1.1	-1.2	4	4
O02772	PIG Fatty acid-binding protein, heart	FABP3	-3.3	-4.3	-2.5	-1.9	-0.6	-1.4	-0.5	-2.1	10	12
P11708	PIG Malate dehydrogenase, cytoplasmic	MDH1	-3.1	-4.1	-2.9	-2.2	-0.6	-0.8	2.1	0.2	21	24
K7ZMG1	PIG Putative cysteine-rich protein 2	CRIP2	-3.3	-4.3	-3.0	-1.8	-2.0	-0.8	0.2	0.2	2	2
P24752	HUMAN Acetyl-CoA acetyltransferase, mitochondrial	ACAT1	-4.0	-3.2	-3.4	-2.8	-1.2	-1.3	-1.6	-0.3	1	1
Q9Y6R4	HUMAN Mitogen-activated protein kinase kinase kinase 4	MAP3K4	-3.5	-3.0	-3.9	-3.1	-2.8	-0.9	0.1	0.4	1	1
Q8IY85	HUMAN EF-hand calcium-binding domain-containing protein 13	EFCAB13	-4.2	-3.8	-2.5	-3.0	-1.8	-2.1	-1.6	1.1	1	1
Q29307	PIG ATPase inhibitor, mitochondrial	ATPIF1	-3.8	-3.1	-3.8	-3.2	1.5	0.3	0.5	1.7	7	6
C3W8F3	PIG Perilipin (Fragment)	LSDP5	-4.3	-2.6	-3.2	-4.0	-3.3	-3.6	2.2	1.0	1	1
P02144	HUMAN Myoglobin	MB	-4.4	-4.2	-3.2	-2.4	0.3	0.7	1.8	0.1	4	2
F1SU18	PIG Uncharacterized protein (Fragment)	FHL2	-3.9	-4.8	-3.2	-2.2	-2.6	-2.6	-1.2	-1.1	5	6
Q6YL37	HUMAN Putative uncharacterized protein	NA	-3.5	-4.1	-3.5	-3.1	-0.5	-0.7	2.2	0.1	1	1
I3LKV1	PIG Uncharacterized protein	HMGH4	-4.1	-4.1	-3.5	-2.7	-0.9	2.3	1.3	3.9	1	1
F1SQJ7	PIG Uncharacterized protein (Fragment)	PSME4	-3.9	-4.6	-3.9	-3.4	-0.9	-0.8	0.7	-1.4	1	2
Q5XLD3	PIG Creatine kinase M-type	CKM	-4.1	-4.3	-4.0	-3.6	-1.1	-0.6	-0.6	-0.9	31	30
A5X5T5	PIG Cardiac troponin I	TNNI3	-3.7	-6.8	-4.5	-4.4	-3.9	-13.2	-12.9	-6.8	2	2
P02189	PIG Myoglobin	MB	-6.8	-6.5	-5.0	-3.8	-1.9	-2.0	1.2	-1.4	20	23

Supplementary Table S11. Peptides monitored by PRM analysis.

Protein	Peptide Sequence	Mass [m/z]	Charge state [z]
MYOM1	FTC [^] HGLTTGQSYIFR	596.6226	3
MYOM1	NQVPINVHANPGK	463.2529	3
MYL3	ALGQNPTQAEVLR	698.8808	2
MYL3	DTGTYEDFVEGLR	751.3439	2
MYL3	HVLATLGER	498.2853	2
UQCRC1	QLDLAQK	464.7767	2
COX6B	GGDVSVC [^] EWYR	664.2904	2
ATP5A1	ELIIGDR	408.2347	2
ATP5A1	ILGADTSVDLEETGR	788.3967	2
ATP5O	YATALYSAASK	573.2955	2
ANT2	DFLAGGVAAAISK	610.3377	2
ACO2	IVYGHLDPPANQEIER	934.9605	2
ACO2	NAVVTQEFQVVPDTR	801.3995	2
MDH2	GC [^] DVVVIPAGVPR	669.8636	2
MYH7	NLQEEISDLTEQLGSSGK	974.4789	2
MYH7	VVDSLQTSLEAETR	767.3914	2
TPM1	C [^] AEEELK	560.7632	2
TPM1	SIDDELELYAQK	769.8647	2
GAPDH	GAAQNIIPASTGAAK	685.3753	2
GAPDH	IVSNASC [^] TTNC [^] LAPLAK	910.4557	2
GAPDH	VPTPNVSVVDLTC [^] R	778.9087	2
GAPDH	LISWYDNEFGYSNR	882.4048	2

[^] Symbol next to cysteine amino acid residue stands for a carbamylation modification.

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