

Table S3 List of all differentially expressed proteins (n=51) identified in the study

Accession	Description	113/114	113/115	113/116	113/117	113/118	113/119	113/121	Log2(113/113)	Log2(114/113)	Log2(115/113)	Log2(116/113)	Log2(117/113)	Log2(118/113)	Log2(119/113)	Log2(121/113)	Log ₂ Ratio	P-value
I3LUN7	Uncharacterized protein OS=Sus scrofa GN=KCNS3 PE=4 SV=1 - [I3LUN7_PIG]	1.109	0.266	0.841	1.042	17.897	15.428	13.982	0.00	-0.15	1.91	0.25	-0.06	-4.16	-3.95	-3.81	-3.50	0.0184
Q53DY6	Histone H1.3-like protein OS=Sus scrofa PE=2 SV=1 - [Q53DY6_PIG]	1.049	1.001	1.338	2.12	1.549	3.258	2.403	0.00	-0.07	0.00	-0.42	-1.08	-0.63	-1.70	-1.26	-1.05	0.0051
K7GKE7	Haptoglobin OS=Sus scrofa GN=HP PE=3 SV=1 - [K7GKE7_PIG]	0.415	1.019	0.885	1.859	1.41	1.719	1.461	0.00	1.27	-0.03	0.18	-0.89	-0.50	-0.78	-0.55	-1.03	0.0184
K9J6K1	Tapasin OS=Sus scrofa GN=TAPBP PE=2 SV=1 - [K9J6K1_PIG]	0.835	0.697	0.685	1.078	1.081	1.63	1.089	0.00	0.26	0.52	0.55	-0.11	-0.11	-0.70	-0.12	-0.59	0.0228
F1SH92	Inter-alpha-trypsin inhibitor heavy chain H4 OS=Sus scrofa GN=ITI14 PE=4 SV=2 - [F1SH92_PIG]	0.863	0.991	0.961	1.372	1.301	1.479	1.157	0.00	0.21	0.01	0.06	-0.46	-0.38	-0.56	-0.21	-0.47	0.0018
I3LEF2	Uncharacterized protein (Fragment) OS=Sus scrofa GN=NXN PE=4 SV=1 - [I3LEF2_PIG]	0.883	0.825	1.029	0.982	1.297	1.556	1.341	0.00	0.18	0.28	-0.04	0.03	-0.38	-0.64	-0.42	-0.46	0.0275
I3LIL4	Uncharacterized protein (Fragment) OS=Sus scrofa GN=MYO1C PE=4 SV=1 - [I3LIL4_PIG]	0.765	1.103	1.283	1.286	1.442	1.446	1.37	0.00	0.39	-0.14	-0.36	-0.36	-0.53	-0.53	-0.45	-0.44	0.0345
F1SII4	Uncharacterized protein OS=Sus scrofa GN=GARS PE=4 SV=1 - [F1SII4_PIG]	1.157	1.035	1.568	1.417	1.676	1.519	1.534	0.00	-0.21	-0.05	-0.65	-0.50	-0.75	-0.60	-0.62	-0.39	0.0463
I3LD20	Dystroglycan OS=Sus scrofa GN=DAG1 PE=4 SV=1 - [I3LD20_PIG]	0.809	0.848	0.802	1.044	1.143	1.082	1.232	0.00	0.31	0.24	0.32	-0.06	-0.19	-0.11	-0.30	-0.38	0.0055
F1SUE4	Uncharacterized protein OS=Sus scrofa GN=ASPEN PE=4 SV=1 - [F1SUE4_PIG]	0.945	0.746	0.839	1.335	1.221	1.012	0.994	0.00	0.08	0.42	0.25	-0.42	-0.29	-0.02	0.01	-0.37	0.0394
I6LNT8	Glycogen synthase kinase 3 alpha OS=Sus scrofa GN=GSK3A PE=2 SV=1 - [I6LNT8_PIG]	0.986	1.198	1.062	1.363	1.14	1.384	1.395	0.00	0.02	-0.26	-0.09	-0.45	-0.19	-0.47	-0.48	-0.31	0.0158
B6V8C8	40S ribosomal protein S3a OS=Sus scrofa GN=RPS3A PE=2 SV=1 - [B6V8C8_PIG]	0.937	1.014	0.905	1.337	1.136	1.188	1.091	0.00	0.09	-0.02	0.14	-0.42	-0.18	-0.25	-0.13	-0.30	0.0070
G9F6X9	Dihydropyrimidinase-like 2 OS=Sus scrofa PE=2 SV=1 - [G9F6X9_PIG]	0.922	0.78	0.921	1.219	1.092	1.086	1.033	0.00	0.12	0.36	0.12	-0.29	-0.13	-0.12	-0.05	-0.29	0.0177
Q29549	Clusterin OS=Sus scrofa GN=CLU PE=1 SV=1 - [CLU5_PIG]	1.089	0.883	0.977	1.119	1.143	1.28	1.195	0.00	-0.12	0.18	0.03	-0.16	-0.19	-0.36	-0.26	-0.62	0.0128
A1XQU3	60S ribosomal protein L14 OS=Sus scrofa GN=RPL14 PE=2 SV=1 - [RL14_PIG]	1.156	1.171	1.207	1.525	1.195	1.323	1.393	0.00	-0.21	-0.23	-0.27	-0.61	-0.26	-0.40	-0.48	-0.26	0.0341
F1SHR2	Uncharacterized protein OS=Sus scrofa GN=BCL2L13 PE=4 SV=1 - [F1SHR2_PIG]	0.955	0.916	0.938	1.161	1.104	1.143	1.141	0.00	0.07	0.13	0.09	-0.22	-0.14	-0.19	-0.19	-0.26	0.0002
I3LKZ4	Uncharacterized protein OS=Sus scrofa GN=HNRNPR PE=4 SV=1 - [I3LKZ4_PIG]	0.876	0.829	0.787	1.145	0.974	1.053	0.99	0.00	0.19	0.27	0.35	-0.20	0.04	-0.07	0.01	-0.26	0.0308
K7GNZ3	Uncharacterized protein OS=Sus scrofa GN=NACA PE=4 SV=1 - [K7GNZ3_PIG]	0.856	0.93	0.85	1.166	0.966	1.133	1.077	0.00	0.22	0.10	0.23	-0.22	0.05	-0.18	-0.11	-0.26	0.0202
I3LGN5	Uncharacterized protein (Fragment) OS=Sus scrofa PE=4 SV=1 - [I3LGN5_PIG]	0.892	0.749	0.807	0.966	0.997	1.063	1.043	0.00	0.16	0.42	0.31	0.05	0.00	-0.09	-0.06	-0.25	0.0420
I3LV18	60S ribosomal protein L7a OS=Sus scrofa GN=RPL7A PE=4 SV=1 - [I3LV18_PIG]	1.178	1.176	1.276	1.461	1.381	1.416	1.208	0.00	-0.24	-0.23	-0.35	-0.55	-0.47	-0.50	-0.27	-0.24	0.0446
I3LTM2	Uncharacterized protein (Fragment) OS=Sus scrofa GN=SYNE2 PE=4 SV=1 - [I3LTM2_PIG]	1.17	1.108	0.94	1.247	1.193	1.217	1.228	0.00	-0.23	-0.15	0.09	-0.32	-0.25	-0.28	-0.30	-0.22	0.0242
D0G0C8	Chaperonin containing TCP1, subunit 2 (Beta) OS=Sus scrofa GN=CCT2 PE=2 SV=1 - [D0G0C8_PIG]	0.799	0.918	0.838	1.002	0.988	1.033	1.026	0.00	0.32	0.12	0.25	0.00	0.02	-0.05	-0.04	-0.19	0.0390
F1RQR4	Uncharacterized protein (Fragment) OS=Sus scrofa GN=EHD1 PE=4 SV=2 - [F1RQR4_PIG]	1.009	1.09	1.06	1.217	1.109	1.115	1.298	0.00	-0.01	-0.12	-0.08	-0.28	-0.15	-0.16	-0.38	-0.19	0.0238
Q29014	Alpha-1 acid glycoprotein (Fragment) OS=Sus scrofa PE=2 SV=1 - [Q29014_PIG]	1.109	0.934	1.135	1.136	1.265	1.162	1.178	0.00	-0.15	0.10	-0.18	-0.18	-0.34	-0.22	-0.24	-0.19	0.0454
I3LS73	Uncharacterized protein OS=Sus scrofa GN=TIMM13 PE=4 SV=1 - [I3LS73_PIG]	1.091	1.008	0.935	1.134	1.072	1.111	1.205	0.00	-0.13	-0.01	0.10	-0.18	-0.10	-0.15	-0.27	-0.17	0.0284
F1SID4	Uncharacterized protein (Fragment) OS=Sus scrofa GN=PSMC3 PE=4 SV=1 - [F1SID4_PIG]	0.982	0.909	0.967	1.013	1.179	1.055	1.052	0.00	0.03	0.14	0.05	-0.02	-0.24	-0.08	-0.07	-0.15	0.0325
I3LUK9	Ubiquitin-conjugating enzyme E2 D2 (Fragment) OS=Sus scrofa GN=UBE2D2 PE=3 SV=1 - [I3LUK9_PIG]	1.004	1.068	1.173	1.155	1.211	1.158	1.192	0.00	-0.01	-0.09	-0.23	-0.21	-0.28	-0.21	-0.25	-0.15	0.0334
D0G0C9	Chaperonin containing TCP1, subunit 7 (Eta) OS=Sus scrofa GN=CCT7 PE=2 SV=1 - [D0G0C9_PIG]	0.94	1.083	0.963	1.059	1.101	1.151	1.09	0.00	0.09	-0.12	0.05	-0.08	-0.14	-0.20	-0.12	-0.14	0.0303
O19069	Succinyl-CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial OS=Sus scrofa GN=SUCLG1 PE=1 SV=2 - [SUCA_PIG]	0.943	0.881	0.952	1.04	1.059	0.993	1.064	0.00	0.08	0.18	0.07	-0.06	-0.08	0.01	-0.09	-0.14	0.0194
F1SJ77	Apolipoprotein A-IV OS=Sus scrofa GN=APOA4 PE=3 SV=2 - [F1SJ77_PIG]	0.953	0.943	0.953	0.981	1.023	1.027	1.004	0.00	0.07	0.08	0.07	0.03	-0.03	-0.04	-0.01	-0.07	0.0307
F1S0D9	Uncharacterized protein OS=Sus scrofa GN=DARS PE=3 SV=1 - [F1S0D9_PIG]	0.993	1.054	1.02	1.088	1.044	1.041	1.09	0.00	0.01	-0.08	-0.03	-0.12	-0.06	-0.06	-0.12	-0.07	0.0427
F1SDJ8	Uncharacterized protein OS=Sus scrofa GN=GLRX3 PE=4 SV=1 - [F1SDJ8_PIG]	0.94	0.959	0.946	0.929	0.875	0.918	0.927	0.00	0.09	0.06	0.08	0.11	0.19	0.12	0.11	0.08	0.0382
Q9N1F5	Glutathione S-transferase omega-1 OS=Sus scrofa GN=GSTO1 PE=1 SV=2 - [GSTO1_PIG]	0.936	0.96	0.949	0.915	0.896	0.905	0.902	0.00	0.10	0.06	0.08	0.13	0.16	0.14	0.15	0.09	0.0066
P11708	Malate dehydrogenase, cytoplasmic OS=Sus scrofa GN=MDH1 PE=1 SV=4 - [MDHC_PIG]	1.021	1.03	1.074	0.955	0.932	0.922	0.998	0.00	-0.03	-0.04	-0.10	0.07	0.10	0.12	0.00	0.12	0.0132
I3L806	Uncharacterized protein (Fragment) OS=Sus scrofa PE=4 SV=1 - [I3L806_PIG]	0.994	1.008	0.944	0.943	0.857	0.892	0.942	0.00	0.01	-0.01	0.08	0.08	0.22	0.16	0.09	0.12	0.0237
I3LJ91	Uncharacterized protein (Fragment) OS=Sus scrofa GN=FHOD1 PE=4 SV=1 - [I3LJ91_PIG]	1.1	1.086	1.139	0.999	1.009	0.99	0.96	0.00	-0.14	-0.12	-0.19	0.00	-0.01	0.01	0.06	0.13	0.0251
F1SRI8	Uncharacterized protein (Fragment) OS=Sus scrofa GN=MYBPC1 PE=4 SV=2 - [F1SRI8_PIG]	1.08	1.086	1.12	0.939	1.042	0.934	0.997	0.00	-0.11	-0.12	-0.16	0.09	-0.06	0.10	0.00	0.13	0.0420
F1RP05	Uncharacterized protein OS=Sus scrofa GN=DNAJA2 PE=3 SV=1 - [F1RP05_PIG]	0.898	1.007	0.957	0.911	0.868	0.881	0.839	0.00	0.16	-0.01	0.06	0.13	0.20	0.18	0.25	0.14	0.0205
P37111	Aminoacylase-1 OS=Sus scrofa GN=ACY1 PE=1 SV=2 - [ACY1_PIG]	0.983	0.965	1.011	0.921	0.896	0.892	0.869	0.00	0.02	0.05	-0.02	0.12	0.16	0.16	0.20	0.15	0.0007
D4PEM8	N-Myc downstream regulated gene 2 OS=Sus scrofa GN=NDRG2 PE=2 SV=1 - [D4PEM8_PIG]	1.154	1.148	1.178	0.962	1.029	0.997	1.013	0.00	-0.21	-0.20	-0.24	0.06	-0.04	0.00	-0.02	0.16	0.0324
M9TGS8	Mitochondrial delta3,delta2-dienoyl-CoA isomerase OS=Sus scrofa GN=Eci1 PE=2 SV=1 - [M9TGS8_PIG]	1.02	1.029	0.958	0.909	0.888	0.966	0.806	0.00	-0.03	-0.04	0.06	0.14	0.17	0.05	0.31	0.17	0.0282
B3STX9	Prothrombin OS=Sus scrofa PE=2 SV=1 - [B3STX9_PIG]	0.977	1.01	1.002	0.83	0.841	0.868	0.973	0.00	0.03	-0.01	0.00	0.27	0.25	0.20	0.04	0.19	0.0127
F1STB2	Uncharacterized protein OS=Sus scrofa GN=HINT2 PE=4 SV=1 - [F1STB2_PIG]	1.031	0.97	0.939	0.917	0.934	0.76	0.849	0.00	-0.04	0.04	0.09	0.13	0.10	0.40	0.24	0.19	0.0407
Q29293	60S ribosomal protein L3 (Fragment) OS=Sus scrofa GN=RPL3 PE=2 SV=1 - [RL3_PIG]	0.922	1.14	1.294	0.913	0.803	0.762	0.885	0.00	0.12	-0.19	-0.37	0.13	0.32	0.39	0.18	0.36	0.0253
F1SR94	Uncharacterized protein (Fragment) OS=Sus scrofa PE=3 SV=2 - [F1SR94_PIG]	1.138	1.213	1.18	0.925	0.917	0.963	0.651	0.00	-0.19	-0.28	-0.24	0.11	0.13	0.05	0.62	0.40	0.0319
C1L369	Parvalbumin OS=Sus scrofa GN=pvalb1 PE=4 SV=1 - [C1L369_PIG]	1.061	1.084	1.216	0.823	0.962	0.776	0.56	0.00	-0.09	-0.12	-0.28	0.28	0.06	0.37	0.84	0.51	0.0274
L8B180	IgG heavy chain OS=Sus scrofa GN=IGHG PE=2 SV=1 - [L8B180_PIG]	0.946	0.685	0.603	0.601	0.47	0.642	0.527	0.00	0.08	0.55	0.73	0.73	1.09	0.64	0.92	0.51	0.0469
F1SLY4	Uncharacterized protein OS=Sus scrofa GN=LMD02 PE=4 SV=1 - [F1SLY4_PIG]	0.796	0.805	1.046	0.765	0.5	0.41	0.638	0.00	0.33	0.31	-0.06	0.39	1.00	1.29	0.65	0.69	0.0216
K7GQ48	Uncharacterized protein OS=Sus scrofa GN=A2M PE=4 SV=1 - [K7GQ48_PIG]	0.96	1.145	1.007	1.037	0.554	0.487	0.348	0.00	0.06	-0.20	-0.01	-0.05	0.85	1.04	1.52	0.88	0.0393
P49924	Fatty acid-binding protein, liver OS=Sus scrofa GN=FABP1 PE=2 SV=1 - [FABPL_PIG]	1.045	0.929	0.956	0.492	0.316	0.683	0.507	0.00	-0.06	0.11	0.06	1.02	1.66	0.55	0.98	1.03	0.0045
I3LFE7	Uncharacterized protein (Fragment) OS=Sus scrofa GN=MYOZ3 PE=4 SV=1 - [I3LFE7_PIG]	0.901	0.738	1.133	0.218	0.398	0.357	0.415	0.00	0.15	0.44	-0.18	2.20	1.33	1.49	1.27	1.47	0.0011