D4 10mM

Accession	Max.fold.ch	Name
G3H9T1	-2.3937	DDOST
G3HN14	-1.86476	PIGO
G3HFJ5	-1.63841	SRPRA
G3GWU4	-1.52607	VAPA
G3HID0	-1.72243	RPN1
G3I8R9	-1.61811	GRP78
G3HQM6	-1.64526	Hsp90b1
G3I0D8	-2.61777	CYB5R3
G3H7A8	-2.06954	KTN1
G3GUU5	-2.53987	TKT
G3ICG9	1.560707	ATL3
G3H6Y5	1.732443	FKBP1A

D4 30mM

Accession	Max.fold.ch	Name
G3GVX1	-1.86715	RRBP1
G3I0X5	-1.87257	EPHX1
G3H9T1	-2.29486	DDOST
G3I9M1	-2.52063	SEC11A
G3HTA6	-1.7922	EPM2AIP1
G3HSJ1	-5.15658	NCLN
G3IET7	-2.41756	UDP-Glucu
G3HVR6	-2.54782	PLOD2
G3HSX3	-27.7976	BCAP31
G3HRG8	-1.61266	ERP44
G3IC73	-1.88254	CLCC1
G3H2X8	-2.27836	CERS2
G3ILB1	-1.74261	TMX1
G3HFJ5	-1.91408	SRPRA
G3GXS8	-3.82057	PREB
G3I8X2	-2.69642	ACSL1
G3I904	-2.37611	EMC1
G3GWP1	-1.73999	SEC24C
G3II52	-2.19767	OSBP
G3I7V6	-4.72358	MOGS
Q3HR12	-1.93604	GNAI3
G3I0D8	-2.05861	CYB5R3
G3HBE9	-1.63652	LRRC59
G3H7A8	-2.14052	KTN1
G3HWF3	4.192652	ATG9
G3IL48	2.2512	SEC31A
G3H6Y5	3.012126	FKBP1A
G3HCX8	2.111965	CALR
G3H0U6	1.659417	PDIA3

D7 10mM

Accession	Max.fold.ch	Name
G3I8X2	1.537016	ACSL1
G3IK12	1.597955	ACSL3
G3HPU1	2.14683	ASPH
G3HWF3	2.141283	ATG9
G3IBK8	1.778285	Atp6ap1
G3HXE0	1.664471	CCDC115
G3IC73	1.936672	CLCC1
G3IBV7	1.906803	CYB5A
G3GXG4	1.856754	CYP51A1
G3GX34	1.674478	EMC3
G3I0X4	1.556672	EPHX1
G3I0X5	1.787838	EPHX
G3HAQ9	1.683263	ERGIC3
G3I7L3	-2.72171	ERMP1
G3I8R9	1.505497	GRP78
G3IAI6	2.029489	HMOX1
G3HS67	1.515494	HMOX2
G3HQK2	1.822011	HSD17B7
G3HQM6	1.998671	Hsp90b1
G3I6V2	3.491277	ITPR1
G3H5V0	1.830986	KPNB1
G3HUI7	1.542283	LMAN1
G3H8Y0	1.792711	LSS
G3I7V6	-4.55816	MOGS
G3IIE7	1.672479	PLOD1
G3HA21	1.623536	POR
G3H3P1	1.903102	RAB18
G3I185	1.806415	RAB9A
G3H1L7	2.416937	RDH11
G3GXX4	1.775801	RPN2
G3GVX1	1.826092	RRBP1
G3H2D6	2.059008	SAR1B
G3H4J6	3.161837	SCFD1
G3IL48	1.854109	SEC31A
G3HD22	1.517434	TECR
G3H8A4	2.0267	TEX264
G3GS14	1.686581	TMEM43
G3ILB1	1.677066	TMX1
G3IB70	2.026983	USP19
G3GRW2	-3.95307	Emc8

D7 30mM

Accession	Max.fold.ch	Name
G3I8X2	1.824403	ACSL1
G3IK12	2.365181	ACSL3
G3HNN8	2.370419	ACSL4
G3HCD4	-4.02592	ANKLE2
G3HWF3	2.930251	ATG9
G3H239	1.579548	ATP2A2
G3IBK8	1.911736	Atp6ap1
G3GSG4	3.268498	ATP6AP2
G3H0S7	3.602517	B2M
G3H9Q4	-1.74531	BNIP1
G3HCX8	2.30559	CALR
G3GWP7	3.270875	CAMK2G
G3HP69	2.748379	CANX
G3IBR7	1.653598	CCDC134
G3HJK3	2.264228	RNF103
G3GXF0	-1.90945	CQ062_RAT
G3HRC5	1.96781	DAD1
G3HQ64	3.13622	DHCR7
G3I0X5	1.704251	EPHX1
G3I0X4	1.71481	EPHX1
G3HTA6	-1.92712	EPM2AIP1
G3H748	3.17215	ERAP1
G3H9Q1	-7.08078	ERGIC1
G3HRG8	1.867431	ERP44
G3H193	1.5345	FAF2
G3H6Y5	2.174783	FKBP1A
G3HEA9	1.694546	HM13
G3IAI6	-1.99338	HMOX1
G3HS67	1.688642	HMOX2
G3HQK2	2.558921	HSD17B7
G3HQM6	1.785768	Hsp90b1
G3H7A8	-1.96416	KTN1
G3HBE9	-1.69055	LRRC59
G3H8Y0	2.418036	LSS
G3HI57	2.120344	MLEC
G3I7V6	-3.9001	MOGS
G3HSJ1	-2.16927	NCLN
G3IBB9	-2.69447	NOMO1
G3GSM1	-17.7043	PCYT1A
G3H0U6	1.701999	PDIA3
G3HNQ5	2.393076	PLD3
G3IIE7	1.820283	PLOD1
G3GXS8	-1.85968	PREB
G3I7A8	2.52127	PSMA5
G3H3P1	2.518418	RAB18
G3I185	2.078007	RAB9A
G3H1L7	3.462474	RDH11
G3HB55	2.027324	RHEB
G3GXX4	1.575369	RPN2
G3GVX1	1.587598	RRBP1
G3H2D6	2.357342	SAR1B
G3HD57	3.170442	SDCBP
G3GVW1	-1.84391	SEC23B
G3IL48	2.378582	SEC31A
G3HRX0	1.580277	SRI
G3H4Z1	-3.08812	SYNE2
G3I6W3	1.723804	TAPBP
G3H8A4	1.989841	TEX264
G3GUU5	2.055749	TKT
G3H6B1	4.837268	TMED1
G3HX40	2.410834	TMED2
G3HMB2	2.236219	TMED4
G3GS14	1.682434	TMEM43
G3GZG1	-2.61951	TWF2
G3GZQ8	2.070105	UBXN4
G3GSL6	-1.61986	UBXN7
G3ID64	-1.97401	VPS13A
G3ILM5	1.643599	ZW10
G3IET7	-1.76209	UDP-Glucu
G3HQR5	2.31049	H-2-ANTI

DE ER Proteins where a negative figure (-) represents reduced expression in the ammonia supplemented cells compared to the control conditions and a positive figure respresents increased expression in ammonia supplemented cells.

D4 10mM

Accession	Max fold ch	Name
G3HP69	2.330311	CANX
G3I0X4	2.066398	EPHX1
G3I0D8	1.885313	CYB5R3
G3H7A8	-2.22129	KTN1
G3I8R9	-2.81297	GRP78
G3HP80	-3.3589	SEC22B
G3I904	-120	EMC1

D4 30mM

Accession	Max fold ch	Name
G3HID0	55.02542	RPN1
G3HUX9	35.81851	HACD3
G3HRG8	8.792412	ERP44
G3I3B6	7.463485	STIM1
G3GZ90	3.531095	CALU
G3HCM4	2.839396	ZMPSTE24
G3IHQ2	2.068157	H-2-ANTI
G3I7I9	2.000826	STT3A
G3IK45	1.93598	PIGS
G3I0X4	1.754819	EPHX1
G3HP69	1.626083	CANX
G3GSG4	1.576679	ATP6AP2
G3HPU1	-1.58345	ASPH
G3HFJ5	-2.15949	SRPRA
G3HI57	-18.5656	MLEC

D7 10mM

Accession	Max fold ch	Name
G3HD57	2.23199	SDCBP
G3H8Y0	1.665971	LSS
G3HQK2	1.634339	HSD17B7
G3I7A8	1.61152	PSMA5
G3HN14	1.579638	PIGO
G3GZ90	1.560968	CALU
G3H5V0	1.515892	KPNB1
G3HEI4	-1.53007	PML
G3GS14	-1.6045	TMEM43
G3HIH0	-1.65928	EMC7
G3IK45	-1.72379	PIGS
G3HA80	-1.7247	SEL1L
G3IBB9	-1.73483	NOMO1
G3HID0	-1.74932	RPN1
G3HSC4	-1.95833	LRRC8A
G3I8Z3	-1.96267	CSNK2A1
G3I6V2	-2.02455	ITPR1
G3GYM8	-2.12484	FAAH
G3IL48	-2.16767	SEC31A
G3GZG5	-2.21971	SRPRB
G3I3B6	-2.38445	STIM1

D7 30mM

Accession	Max fold ch	Name
G3H6Z2	2.1764	ABHD12
G3I8X2	1.600591	ACSL1
G3GS61	1.675921	ARL6IP5
G3H239	1.759556	ATP2A2
G3GSG4	1.771475	ATP6AP2
G3HF38	1.650268	BSG
G3HP69	1.773206	CANX
G3HCV1	-2.25496	CCDC47
G3IC73	-1.7257	CLCC1
G3I0D8	-1.61917	CYB5R3
G3H9T1	1.589978	DDOST
G3H437	-12.4921	DDRGK1
G3I904	-2.16507	EMC1
G3GRW2	-1.53451	Emc8
G3IBK3	-3.27975	EMD
G3HTA6	-3.44404	EPM2AIP1
G3H9Q1	1.563817	ERGIC1
Q3HR12	-2.65238	GNAI3
G3I8R9	1.838793	GRP78
G3HUX9	1.899224	HACD3
G3IAI6	2.426087	HMOX1
G3HS67	1.848445	HMOX2
G3I2N0	1.847236	IKBIP
G3H5V0	1.715479	KPNB1
G3HUI7	4.283722	LMAN1
G3GUQ8	2.539874	LPCAT3
G3H8Y0	2.015624	LSS
G3HI57	1.943145	MLEC
G3H6P9	3.615186	MSMO1
G3HSJ1	-1.63855	NCLN
G3II81	1.907342	NSDHL
G3GSM1	-3.51528	PCYT1A
G3H0U6	1.820052	PDIA3
G3HVR6	4.461475	PLOD2
G3GWV6	2.945457	Ptgs2
G3H3P1	1.609474	RAB18
G3GZQ4	-5.64001	RAB3GAP1
G3I185	2.02903	RAB9A
G3H1L7	-1.84304	RDH11
G3GXX4	1.740585	RPN2
G3GVX1	-1.85833	RRBP1
G3HGV7	1.512733	RTCB

DE ER Proteins where a negative figure (-) represents reduced expression in the ammonia supplemented cells compared to the control conditions and a positive figure respresents increased expression in ammonia supplemented cells.

G3H4J6	2.345407	SCFD1
G3HP80	1.76542	SEC22B
G3GVW1	1.759292	SEC23B
G3IL48	-2.73337	SEC31A
G3HFJ5	-2.29455	SRPRA
G3HSW8	1.517792	SSR4
G3I3B6	-1.91952	STIM1
G3I7I9	1.961389	STT3A
G3GV85	1.636582	STT3B
G3H6B1	3.681415	TMED1
G3HMB2	1.718739	TMED4
G3GSL6	2.288045	UBXN7
G3HZ36	1.711663	VAPA
G3HCM4	-2.03074	ZMPSTE24
G3ILM5	-2.52986	ZW10