

Table S1: Ferroptosis-related genes were identified from FerDb (<http://www.zhounan.org>)

Symbol	Name	HGNC_ID	Evidence	Test method	Test in	Test setting	Pathway	Confidence
RPL8	Ribosomal	HGNC:103	Required	shRNA scr	Human	NRAS mut	RPL8	+: F Validated
IREB2	Iron respo	HGNC:611	Required	shRNA scr	Human	NRAS mut	IREB2	+: F Validated
ATP5MC3	ATP synth	HGNC:843	Required	shRNA scr	Human	NRAS mut	ATP5MC3	Validated
CS	Citrate syn	HGNC:242	Required	shRNA scr	Human	NRAS mut	CS	+: Ferr Validated
EMC2	ER membr	HGNC:289	Required	shRNA scr	Human	NRAS mut	EMC2	+: F Validated
ACSF2	Acyl-CoA	HGNC:261	Required	shRNA scr	Human	NRAS mut	ACSF2	+: Validated
NOX1	Nicotinam	HGNC:788	Suppress	Inhibition	Human	KRAS mut	NOX1	+: I Deduced
CYBB	Cytochro	HGNC:257	Suppress	Inhibition	Human	KRAS mut	CYBB	+: F Deduced
NOX3	Nicotinam	HGNC:789	Suppress	Inhibition	Human	KRAS mut	NOX3	+: I Deduced
NOX4	Nicotinam	HGNC:789	Suppress	Inhibition	Human	KRAS mut	NOX4	+: I Deduced
NOX5	Nicotinam	HGNC:148	Suppress	Inhibition	Human	KRAS mut	NOX5	+: I Deduced
DUOX1	Dual oxid	HGNC:306	Suppress	Inhibition	Human	KRAS mut	DUOX1	+: Deduced
DUOX2	Dual oxid	HGNC:132	Suppress	Inhibition	Human	KRAS mut	DUOX2	+: Deduced
G6PD	Glucose-6	HGNC:405	Required	shRNA sil	Human	KRAS mut	G6PD	+: F Validated
PGD	Phosphog	HGNC:889	Required	shRNA sil	Human	KRAS mut	PGD	+: F Validated
VDAC2	Voltage-d	HGNC:126	Required	shRNA sil	Human	KRAS mut	VDAC2	+: Validated
PIK3CA	Phosphati	HGNC:897	Inhibitor	bCell surviv	Mice	HT22 cells	PIK3CA	-: Validated
FLT3	Fms relate	HGNC:376	Inhibitor	bCell surviv	Mice	HT22 cells	FLT3	+: Li Validated
SCP2	Sterol carr	HGNC:106	SCP-2 inh	Cell viabili	Mice	PZL cells	SCP2	+: F Validated
TP53	Tumor prc	HGNC:119	Inhibits cy	Cell death	Human, m	H1299, U2	TP53	-: SI Validated
ACSL4	Acyl-CoA	HGNC:357	Deletion o	Retroviral-	Human	Chronic m	ACSL4	+: Predicted
LPCAT3	Lysophos	HGNC:302	Deletion o	Retroviral-	Human	Chronic m	LPCAT3	+: Predicted
NRAS	NRAS prot	HGNC:798	NRAS12V	Cell viabili	Human	RMS13 cel	NRAS	+: F Deduced
KRAS	KRAS prot	HGNC:64C	KRAS12V	Cell viabili	Human	RMS13 cel	KRAS	+: F Deduced
HRAS	HRas prot	HGNC:517	HRAS12V	Cell viabili	Human	RMS13 cel	HRAS	+: F Deduced
TF	Transferrir	HGNC:117	Essential f	Killing acti	Mice	Mouse em	TF	+: Ferr Validated
TFRC	Transferrir	HGNC:117	RNAi of tr	RNAi	Mice	Mouse em	TFRC	+: F Validated
TFR2	Transferrir	HGNC:117	RNAi of tr	RNAi	Mice	Mouse em	TFR2	+: F Validated
SLC38A1	Solute car	HGNC:134	RNAi knoc	RNAi knoc	Mice	Mouse em	SLC38A1	: Validated
SLC1A5	Solute car	HGNC:109	Pharmacol	RNAi knoc	Mice	Mouse em	SLC1A5	+: Validated
GLS2	Glutamina	HGNC:295	Both inhib	shRNA, w	Mice	Mouse em	GLS2	+: G Validated
GOT1	Glutamic-	HGNC:443	RNAi red	ushRNA, q	Mice	Mouse em	GOT1	+: : Validated
CARS1	Cysteinyl-	HGNC:149	Required	fsiRNA scr	Human, ra	HT-1080 f	CARS1	-: Validated
TP53	Tumor prc	HGNC:119	Wild type	Cell death	Human	H1299 cell	TP53	-: SI Validated
ALOX5	Arachidon	HGNC:435	The 5-Lip	Cell Viabili	Mice	HT22 mou	ALOX5	+: Validated
KEAP1	Kelch like	HGNC:231	Knockdown	Western b	Human, m	HepG2, H	KEAP1	-: I Validated
HMOX1	Heme oxy	HGNC:501	Zinc proto	Cell viabili	Human, m	HT-1080 f	HMOX1	+: Validated
TP53	Tumor prc	HGNC:119	p53^3KR/	Western b	Mice	p53^3KR/	TP53	-: SI Validated
TP53	Tumor prc	HGNC:119	Incubation	Cell viabili	Human, m	Mouse em	TP53	-: SI Validated
GLS2	Glutamina	HGNC:295	Upregulat	Cell viabili	Mice	Mouse em	GLS2	+: F Validated
ATG5	Autophag	HGNC:589	Knockout	shRNA	Human, m	Mouse em	ATG5	+: F Validated

ATG7	Autophagy	HGNC:169	Knockout /shRNA	Human, m	Mouse em	ATG7	+: F	Validated
NCOA4	Nuclear re	HGNC:767	Inhibition /shRNA, ge	Human		PANC1 or NCOA4	:-	Validated
TF	Transferrin	HGNC:117	Involved in	Western b	Human	MDA MB 4	TF	+: Lipic
ALOX5	Arachidon	HGNC:435	Silencing /qPCR	Human		G-401 cell	ALOX5	+: Validated
ALOX12	Arachidon	HGNC:429	Silencing /qPCR	Human		G-401 cell	ALOX12	+: Validated
ALOX12B	Arachidon	HGNC:433	Silencing /qPCR	Human		G-401 cell	ALOX12B	Validated
ALOX15	Arachidon	HGNC:433	Silencing /qPCR	Human		G-401 cell	ALOX15	+: Validated
ALOX15B	Arachidon	HGNC:434	Silencing /qPCR, siRN	Human		G-401, BJ	ALOX15B	Validated
ALOXE3	Arachidon	HGNC:137	Silencing /qPCR, siRN	Human		G-401, BJ	ALOXE3	+: Validated
PHKG2	Phosphory	HGNC:893	U-2-OS c/shRNA su	Human		U-2-OS, P	PHKG2	+: Validated
TFRC	Transferrin	HGNC:117	The gene /RNAi scre	Mice		Mouse em	TFRC	+: L
ACO1	Aconitase	HGNC:117	The gene /RNAi scre	Mice		Mouse em	ACO1	+: L
IREB2	iron respo	HGNC:611	The gene /RNAi scre	Mice		Mouse em	IREB2	+: L
SLC38A1	Solute car	HGNC:134	The gene /RNAi scre	Mice		Mouse em	SLC38A1	: Screened
GLS2	Glutamina	HGNC:295	The gene /RNAi scre	Mice		Mouse em	GLS2	+: L
G6PDX	_NA_ _NA_		The gene /RNAi scre	Mice		Mouse em	G6PDX	+: Screened
ULK1	Unc-51 lik	HGNC:125	Potential /RNAi scre	Mice		Mouse em	ULK1	+: L
ATG3	Autophagy	HGNC:209	Potential /RNAi scre	Mice		Mouse em	ATG3	+: L
ATG4D	Autophagy	HGNC:207	Potential /RNAi scre	Mice		Mouse em	ATG4D	+: Screened
ATG5	Autophagy	HGNC:589	Potential /RNAi scre	Mice		Mouse em	ATG5	+: L
BECN1	Beclin 1	HGNC:103	Potential /RNAi scre	Mice		Mouse em	BECN1	+: Screened
MAP1LC3	Microtubu	HGNC:683	Potential /RNAi scre	Mice		Mouse em	MAP1LC3	: Screened
GABARAP	GABA type	HGNC:132	Potential /RNAi scre	Mice		Mouse em	GABARAP	Screened
GABARAP	GABA type	HGNC:406	Potential /RNAi scre	Mice		Mouse em	GABARAP	Screened
ATG16L1	Autophagy	HGNC:214	Potential /RNAi scre	Mice		Mouse em	ATG16L1	: Screened
WIPI1	WD repea	HGNC:254	Potential /RNAi scre	Mice		Mouse em	WIPI1	+: L
WIPI2	WD repea	HGNC:322	Potential /RNAi scre	Mice		Mouse em	WIPI2	+: L
SNX4	Sorting ne	HGNC:111	Potential /RNAi scre	Mice		Mouse em	SNX4	+: L
ATG13	Autophagy	HGNC:293	Knockout /Gene knoc	Mice		Mouse em	ATG13	+: Validated
ULK2	Unc-51 lik	HGNC:134	Knockout /Gene knoc	Mice		Mouse em	ULK2	+: L
NCOA4	Nuclear re	HGNC:767	Eliminator	RNAi knoc	Human, m	Mouse em	NCOA4	+: Validated
ACSL4	Acyl-CoA	HGNC:357	Knockdown	shRNA, ge	Human	LNCaP (hu	ACSL4	+: Validated
TP53	Tumor prc	HGNC:119	p53 acetyl	Mass spec	Human, m	H1299 cell	TP53	:-: S
SAT1	Spermidin	HGNC:105	p53-mediated	qRT-PCR,	Human, m	H1299, U2	SAT1	+: A
ALOX15	Arachidon	HGNC:433	SAT1- anc	Cell death	Human	H1299, U2	ALOX15	+: Validated
ACSL4	Acyl-CoA	HGNC:357	Inhibition /Cell death	Mice		Mouse em	ACSL4	+: Validated
LPCAT3	Lysophos	HGNC:302	Knockdown	shRNA	Mice	Mouse lun	LPCAT3	+: Validated
ALOX15	Arachidon	HGNC:433	Lipoxstati	Identificati	Mice	Kidney of	ALOX15	+: Validated
ACSL4	Acyl-CoA	HGNC:357	An essenti	Cell viabili	Human, m	Mouse em	ACSL4	+: Validated
KEAP1	Kelch like	HGNC:231	Keap 1 sile	Cell viabili	Mice	Head and	KEAP1	:-: I
EGFR	Epidermal	HGNC:323	Cell death	Fluorescer	Human	Human m:	EGFR	+: N
NOX4	NADPH o	HGNC:789	Inhibition /Fluorescer	Human		Human m:	NOX4	+: I
MAPK3	Mitogen- α	HGNC:687	Inhibiting	Immunobl	Human	Human m:	MAPK	:-: C

MAPK1	Mitogen-activated protein kinase 1	HGNC:687	Inhibiting	Immunoblot	Human	Human m:MAPK :-: (Validated
BID	BH3 interacting domain containing 1	HGNC:105	BID deletion	Cell viability	Mice	HT-22 cell BID :+: FerValidated
ACSL4	Acyl-CoA oxidase 4	HGNC:357	Knockout	CRISPR/Cas9	Human, m	NIH3T3, HACSL4 :+: Validated
ZEB1	Zinc finger E-box binding domain containing 1	HGNC:116	Knockout	sgRNA, cell	Human	KP4 pancreas ZEB1 :+: LiValidated
KEAP1	Kelch like ECH-associated protein 1	HGNC:231	Keap1 inhibition	Cell viability	Human, ra	F98, U87 cell KEAP1 :+: Validated
DPP4	Dipeptidyl aminopeptidase 4	HGNC:30	Required for	Cell death	Human, m	TP53-/- HDPP4 :+: LValidated
ALOX15	Arachidonate 15-lipoxygenase	HGNC:433	Suppresses	siRNA, transfection	Human	HT1080, P ALOX15 :+Validated
ALOX12	Arachidonate 12-lipoxygenase	HGNC:429	12-LOX inhibition	siRNA, transfection	Human	HT1080, P ALOX12 :+Validated
CDKN2A	Cyclin dependent kinase 2A	HGNC:178	Combination	RNAi, immunoblot	Human, m	H1299, Sa CDKN2A : Validated
PEBP1	Phosphatidylethanolamine binding protein 1	HGNC:863	Elevated levels	Western blot	Human, m	HK2, HAEC (PEBP1/15 Validated
SOCS1	Suppressor of cytokine signaling 1	HGNC:193	Expression	Cell death	Human	U2OS or HSOCS1 :+: Validated
CDO1	Cysteine dioxygenase 1	HGNC:179	CDO1 suppression	siRNA, Western blot	Human	Gastric cancer CDO1 :-: (Validated
MYB	MYB proto-oncogene	HGNC:754	Erastin-induced	Western blot	Human	Gastric cancer MYB :+: CValidated
HMOX1	Heme oxygenase 1	HGNC:501	Inhibiting	Cell viability	Human	MDA-MB-HMOX1 :+Validated
MAPK8	Mitogen-activated protein kinase 8	HGNC:688	JNK1/2 inhibition	MitoSOX, rat	Rat	PC12 cells MAPK8 :+ Validated
MAPK9	Mitogen-activated protein kinase 9	HGNC:688	JNK1/2 inhibition	MitoSOX, rat	Rat	PC12 cells MAPK9 :+ Validated
MAPK1	Mitogen-activated protein kinase 1	HGNC:687	ERK1/2 inhibition	MitoSOX, rat	Rat	PC12 cells MAPK1 :+ Validated
MAPK3	Mitogen-activated protein kinase 3	HGNC:687	ERK1/2 inhibition	MitoSOX, rat	Rat	PC12 cells MAPK3 :+ Validated
SLC1A5	Solute carrier family 1 member 5	HGNC:109	Overexpression	Cell viability	Human	Melanoma SLC1A5 :+ Validated
CHAC1	Chaperone associated C-terminal glutathione S-transferase domain containing 1	HGNC:286	CHAC1 deletion	Western blot	Human	MDA-MB-CHAC1 :-: Validated
MAPK14	Mitogen-activated protein kinase 14	HGNC:687	Ferroptosis	Cell viability	Mice	TM4 Sertoli MAPK14 :- Validated
LINC00472	Long intergenic non-coding RNA LINC00472	HGNC:213	Increases	Bisulfite sequencing	Human	Lung cancer LINC00472 Validated
NOX4	NADPH oxidase 4	HGNC:789	Activated	Western blot	Human, ra	Rat C6, hu NOX4 :+: IValidated
GOT1	Glutamic-oxaloacetic transaminase 1	HGNC:443	Overexpression	Immunoblot	Human	A375 and GOT1 :+: εValidated
BECN1	Beclin 1	HGNC:103	Knockdown	shRNA, Western blot	Human, m	HCT116, CBECN1 :-: Validated
PRKAA2	Protein kinase R, catalytic subunit 2	HGNC:937	Inhibition	siRNA, Western blot	Human	HCT116 and PRKAA2 :+Validated
PRKAA1	Protein kinase R, catalytic subunit 1	HGNC:937	Inhibition	siRNA, Western blot	Human	HCT116 and PRKAA1 :+Validated
ELAVL1	ELAV like 1	HGNC:331	ELAVL1 silencing	Immunohistochemistry	Human, m	Human liver ELAVL1 :+ Validated
BAP1	BRCA1 associated protein 1	HGNC:95	Suppresses	Flow cytometry	Human	HEK-293T BAP1 :-: SValidated
TP53	Tumor protein p53	HGNC:119	Facilitates	Western blot	Rat	Hepatic stellate TP53 :+: FValidated
ABCC1	ATP binding cassette subfamily C member 1	HGNC:51	Accelerates	Western blot	Human	HAP1, H12 ABCC1 :-: Validated
ACSL4	Acyl-CoA oxidase 4	HGNC:357	Inhibition	siRNA, Western blot	Human, m	Male C57EACSL4 :+: Validated
MIR6852	microRNA-6852	HGNC:499	Promotes	qRT-PCR, luciferase	Human	A549 and MIR6852 : Validated
ACVR1B	Activin A receptor type 1B	HGNC:172	Inhibition	Western blot	Human	HK-2 cells ACVR1B :-Validated
TGFBR1	Transforming growth factor beta receptor 1	HGNC:117	Inhibition	Western blot	Human	HK-2 cells TGFBR1 :- Validated
BAP1	BRCA1 associated protein 1	HGNC:95	Promotes	Immunoprecipitation	Human	HEK293T cell BAP1 :-: SValidated
EPAS1	Endothelial nitric oxide synthase 1	HGNC:337	A driver of	CRISPR, cell	Mice	786-O cell EPAS1 :+: Validated
HILPDA	Hypoxia-inducible long intergenic non-coding RNA HILPDA	HGNC:288	Promotes	RNA-Seq, luciferase	Mice	786-O cell HILPDA :+ Validated
HIF1A	Hypoxia-inducible factor 1 alpha	HGNC:491	Re-sensitizes	cDNA screening	Mice	786-O cell HIF1A :+: IValidated
ALOX12	Arachidonate 12-lipoxygenase	HGNC:429	An essential	RNAi, qRT-PCR	Human, m	H1299 cell ALOX12 :+Validated
ACSL4	Acyl-CoA oxidase 4	HGNC:357	Required for	Western blot	Human	U2OS ACSL4 :+: Validated
HMOX1	Heme oxygenase 1	HGNC:501	Enhances	Gene transcription	Human	H1299 cell HMOX1 :+Validated
IFNG	Interferon gamma	HGNC:543	Interferon	BODIPY-CH2	Human, m	HT-1080, IFNG :-: SValidated

ANO6	Anoctamir	HGNC:252	Essential for	Immunocy	Human, m	A549, Cal2	ANO6 :+:	Validated
LPIN1	Lipin 1	HGNC:133	Overexpre	Enzyme-li	Mice	C57BL/6 n	LPIN1 :+:	Validated
HMGB1	High mobi	HGNC:498	Required for	Gene trans	Human, m	HL-60 cell	HMGB1 :+:	Validated
TNFAIP3	TNF alpha	HGNC:118	Overexpre	Lentivirus	Human	HUVEC ce	TNFAIP3 :-:	Validated
TLR4	Toll like re	HGNC:118	Knockdown	Immunohi	Rat	Sprague D	TLR4 :+:	Validated
NOX4	NADPH o	HGNC:789	Knockdown	Immunohi	Rat	Sprague D	NOX4 :+:	Validated
ATF3	Activating	HGNC:785	Promotes	Cell viabil	Human	HT1080 ce	ATF3 :-:	Validated
ATM	ATM serin	HGNC:795	Essential for	siRNA, we	Human	MDA-MB-ATM	:-:	Validated
YY1AP1	YY1 associ	HGNC:309	Makes cell	Cell death	Human, m	Mouse em	YAP :+:	Validated
EGLN2	Egl-9 fami	HGNC:146	Inhibiting	Cytotoxicit	Human, m	Calu-1, T	EGLN2 :-:	Validated
MIOX	Myo-inosi	HGNC:145	Overexpre	MTT assay	Human, m	HK-2 cells	MIOX :-:	Validated
TAZ	Tafazzin	HGNC:115	TAZ remo	Cell viabil	Human, m	RCC4, 78	TAZ :+:	Validated
MTDH	Metadheri	HGNC:296	Can enhar	Cell viabil	Human, m	Cell lines	MTDH :-:	Validated
IDH1	Isocitrate c	HGNC:538	Deletion o	Cell transf	Human	HEK293T,	IDH1 :-:	Validated
SIRT1	Sirtuin 1	HGNC:149	Knockout	Lipid pero	Mice	Mice in C5	SIRT1 :+:	Predicted
TAZ	Tafazzin	HGNC:115	TAZ remo	siRNA, qR	Human	TOV-21G,	TAZ :+:	Validated
BECN1	Beclin 1	HGNC:103	Overexpre	Cell viabil	Human	SH-SY5Y c	(Beclin1/SI	Validated
FBXW7	F-box and	HGNC:167	FBXW7 pl	Cell viabil	Human, m	Hepatic st	FBXW7 :+:	Deduced
PANX1	Pannexin 1	HGNC:859	Deletion p	Cell viabil	Human, m	HK-2 cells	PANX1 :-:	Validated
DNAJB6	DnaJ heat	HGNC:148	Promotes	Western b	Human, m	Cell lines	DNAJB6 :-:	Predicted
BACH1	BTB doma	HGNC:935	Promotes	Western b	Mice	C57BL/6J	BACH1 :+:	Validated
ACSL4	Acyl-CoA	HGNC:357	Overexpre	Western b	Human	HEB, T98	GACSL4 :-:	Validated
LONP1	Lon peptic	HGNC:947	Inhibition	Cell viabil	Human	PANC1, B	LONP1 :-:	Validated
PTGS2	Prostaglan	HGNC:96C	Simply a	dRT-qPCR,	Human	BJeLR cells	Validated	_NA_
DUSP1	Dual speci	HGNC:306	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
NOS2	Nitric oxid	HGNC:787	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
NCF2	Neutrophi	HGNC:766	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
MT3	Metallothi	HGNC:74C	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
UBC	Ubiquitin	(HGNC:124	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
ALB	Albumin	HGNC:399	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
TXNRD1	Thioredoxi	HGNC:124	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
SRXN1	Sulfiredoxi	HGNC:161	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
GPX2	Glutathion	HGNC:455	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
BNIP3	BCL2 inter	HGNC:108	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
OXSRL1	Oxidative	:HGNC:85C	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
SELENOS	Selenopro	HGNC:303	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
ANGPTL7	Angiopoie	HGNC:24C	Expression	RT-qPCR,	Human	BJeLR cells	Deduced	Inferred as
CHAC1	ChaC glut	:HGNC:286	Up-regula	RNA-seq,	Human	HT-1080	ε	Validated
SLC7A11	Solute cari	HGNC:11C	Similar to	RNA silenc	Human	HT-1080 c	Deduced	Further stu
DDIT4	DNA dam	:HGNC:249	Up-regula	RNA-seq	Human	HT-1080 c	Screened	Further stu
LOC28456_NA_NA	Up-regula	RNA-seq	Human	HT-1080 c	Screened	Further stu		
ASNS	Asparagin	:HGNC:753	Up-regula	RNA-seq	Human	HT-1080 c	Screened	Further stu
TSC22D3	TSC22 dor	HGNC:305	Up-regula	RNA-seq	Human	HT-1080 c	Screened	Further stu

DDIT3	DNA dam	HGNC:272	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
JDP2	Jun dimeri	HGNC:175	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
SESN2	Sestrin 2	HGNC:207	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
SLC1A4	Solute cari	HGNC:109	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
PCK2	Phosphoei	HGNC:872	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
TXNIP	Thioredoxi	HGNC:169	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
VLDLR	Very low c	HGNC:126	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
GPT2	Glutamic-	HGNC:18C	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
PSAT1	Phosphos	HGNC:191	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
LURAP1L	Leucine ric	HGNC:314	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
SLC7A5	Solute cari	HGNC:11C	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
HERPUD1	Homocyst	HGNC:137	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
XBP1	X-box bin	HGNC:128	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
ATF3	Activating	HGNC:785	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
SLC3A2	Solute cari	HGNC:11C	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
CBS	Cystathior	HGNC:155	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
ATF4	Activating	HGNC:786	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
ZNF419	Zinc finger	HGNC:206	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
KLHL24	Kelch like	HGNC:259	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
TRIB3	Tribbles p	HGNC:162	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
ZFP69B	ZFP69 zinc	HGNC:28C	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
ATP6V1G2	ATPase H+	HGNC:862	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
VEGFA	Vascular e	HGNC:126	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
GDF15	Growth di	HGNC:301	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
TUBE1	Tubulin e	HGNC:207	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
ARRDC3	Arrestin d	HGNC:292	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
CEBPG	CCAAT en	HGNC:183	Up-regula	RNA-seq	Human	HT-1080	cScreened	Further stu
SNORA16	Small nucl	HGNC:326	Down-reg	RNA-seq	Human	HT-1080	cScreened	Further stu
RGS4	Regulator	HGNC:10C	Down-reg	RNA-seq	Human	HT-1080	cScreened	Further stu
BLOC1S5	BLOC1S5-	HGNC:42C	Down-reg	RNA-seq	Human	HT-1080	cScreened	Further stu
LOC39070_NA_	_NA_		Down-reg	RNA-seq	Human	HT-1080	cScreened	Further stu
EIF2S1	Eukaryotic	HGNC:326	Phosphory	Western b	Human	HT-1080	cDeduced	_NA_
KIM-1	Kidney inj	_NA_	Down-reg	Real-time	Mice	Fer-1-tre	cDeduced	_NA_
IL6	Interleukin	HGNC:601	Down-reg	Real-time	Mice	Fer-1-tre	cDeduced	_NA_
CXCL2	C-X-C mc	HGNC:46C	Down-reg	Real-time	Mice	Fer-1-tre	cDeduced	_NA_
RELA	RELA prot	HGNC:995	Down-reg	Real-time	Mice	Fer-1-tre	cDeduced	_NA_
HSD17B11	Hydroxyst	HGNC:229	Enriched	irGene trap	Human	Chronic m	Screened	_NA_
AGPAT3	1-acylglyc	HGNC:326	Enriched	irGene trap	Human	Chronic m	Screened	_NA_
SETD1B	SET domai	HGNC:291	Enriched	irGene trap	Human	Chronic m	Screened	_NA_
HMOX1	Heme oxy	HGNC:501	Its express	Western b	Human	Pancreatic	Deduced	_NA_
TF	Transferrir	HGNC:117	Its express	Gene expr	Human	Patient PD	Deduced	_NA_
FTL	Ferritin lig	HGNC:399	Its express	Gene expr	Human	Patient PD	Deduced	_NA_
RPL8	Ribosomal	HGNC:103	Significant	Gene expr	Human	Patient PD	Deduced	_NA_

ATP5MC3	ATP synth	HGNC:843	Significant Gene expr	Human	Patient PD	Deduced	_NA_
TFRC	Transferrin	HGNC:117	Expression Gene expr	Human	Patient PD	Deduced	_NA_
MAFG	MAF bZIP	HGNC:678	The intera	Human, m	HepG2, Hc	Deduced	_NA_
IL33	Interleukin	HGNC:160	IL-33 upre	Mice	C57BL/6 n	Deduced	_NA_
FTH1	Ferritin he	HGNC:397	An increas	Human	HT1080 ce	Validated	An error r
SLC40A1	Solute car	HGNC:109	Erastin-inc	Mice	Bone marr	Validated	Used as a
TF	Transferrin	HGNC:117	Erastin-inc	Mice	Bone marr	Validated	Used as a
TFRC	Transferrin	HGNC:117	Erastin-inc	Mice	Bone marr	Validated	Used as a
FTH1	Ferritin he	HGNC:397	Erastin-inc	Mice	Bone marr	Validated	Used as a
GPX4	Glutathion	HGNC:455	Erastin-inc	Mice	Bone marr	Validated	Used as a
HAMP	Hepcidin z	HGNC:155	Erastin-inc	Mice	Bone marr	Deduced	_NA_
HSPB1	Heat shock	HGNC:524	Erastin-inc	Mice	Bone marr	Validated	Used as a
NFE2L2	Nuclear fa	HGNC:778	Erastin-inc	Mice	Bone marr	Validated	Used as a
STEAP3	STEAP3 m	HGNC:245	Erastin-inc	Mice	Bone marr	Deduced	_NA_
DRD5	Dopamine	HGNC:302	Ferroptoti	Human	PANC1 ce	Deduced	_NA_
GPX4	Glutathion	HGNC:455	Erastin prc	Human	PANC1 ce	Deduced	Has been
DRD4	Dopamine	HGNC:302	Antiferrop	Human	PANC1 ce	Deduced	_NA_
MAP3K5	Mitogen-z	HGNC:685	Cold stres	Human	A549 cells	Deduced	_NA_
MAPK14	Mitogen-z	HGNC:687	Cold stres	Human	A549 cells	Deduced	_NA_
SLC2A1	Solute car	HGNC:110	Increased	Human	H358, A54	Deduced	_NA_
SLC2A3	Solute car	HGNC:110	Decreased	Human	H358, A54	Deduced	_NA_
SLC2A6	Solute car	HGNC:110	Increased	Human	H358, A54	Deduced	_NA_
SLC2A8	Solute car	HGNC:138	Decreased	Human	H358, A54	Deduced	_NA_
SLC2A12	Solute car	HGNC:180	Increased	Human	H358, A54	Deduced	_NA_
GLUT13	_NA_	_NA_	Increased	Human	H358, A54	Deduced	_NA_
SLC2A14	Solute car	HGNC:183	Decreased	Human	H358, A54	Deduced	_NA_
EIF2AK4	Eukaryotic	HGNC:196	CHAC1 de	Human	MDA-MB-	Deduced	_NA_
EIF2S1	Eukaryotic	HGNC:326	CHAC1 de	Human	MDA-MB-	Deduced	_NA_
ATF4	Activating	HGNC:786	CHAC1 de	Human	MDA-MB-	Deduced	_NA_
ALOX5	Arachidon	HGNC:435	Overexpre	Human	HEK293 ce	Deduced	Not essen
ALOX12	Arachidon	HGNC:429	Overexpre	Human	HEK293 ce	Deduced	Not essen
ALOX15	Arachidon	HGNC:433	Overexpre	Human	HEK293 ce	Deduced	Not essen
ALOX5	Arachidon	HGNC:435	Necessary	Mice	C57BL/6 a	Deduced	_NA_
ACSF2	Acyl-CoA	HGNC:261	Increased	Rat	Wistar rats	Deduced	_NA_
IREB2	Iron respo	HGNC:611	Increased	Rat	Wistar rats	Deduced	_NA_
GPX4	Glutathion	HGNC:455	Upregulat	Rat	Wistar rats	Validated	Inhibits fer
HMGB1	High mobi	HGNC:498	Associatec	Human, m	HT1080 ar	Deduced	_NA_
HMOX1	Heme oxy	HGNC:501	Required	Mice	Mice	Deduced	_NA_
NFE2L2	Nuclear fa	HGNC:778	DOX treat	Mice	Mice	Deduced	_NA_
ELAVL1	ELAV like	HGNC:331	Binds to a	Human	H358, PC9	Deduced	_NA_
SLC3A2	Solute car	HGNC:110	Strongly c	Human	HT-1080 c	Deduced	_NA_
SLC7A11	Solute car	HGNC:110	Strongly c	Human	HT-1080 c	Deduced	_NA_
TFAP2C	Transcripti	HGNC:117	Activated	Mice	C57BL/6 n	Deduced	_NA_

SP1	Sp1 transcr	HGNC:112	Activated	Behavioral	Mice	C57BL/6	n	Deduced	_NA_
HBA1	Hemoglob	HGNC:482	Upregulat	Tandem	r	Human	HepG2, B	Deduced	_NA_
NNMT	Nicotinam	HGNC:78	Upregulat	Tandem	r	Human	HepG2, B	Deduced	_NA_
PLIN4	Perilipin 4	HGNC:29	Upregulat	Tandem	r	Human	HepG2, B	Deduced	_NA_
HIC1	HIC ZBTB	HGNC:49	Essential	f	Immunohi	Human	HepG2, B	Deduced	_NA_
STMN1	Stathmin 1	HGNC:65	Downregu	Tandem	r	Human	HepG2, B	Deduced	_NA_
RRM2	Ribonucle	HGNC:104	Downregu	Tandem	r	Human	HepG2, B	Deduced	_NA_
CAPG	Capping a	HGNC:147	Downregu	Tandem	r	Human	HepG2, B	Deduced	_NA_
HNF4A	Hepatocyt	HGNC:502	Essential	f	Immunohi	Human	HepG2, B	Deduced	_NA_
NGB	Neuroglo	HGNC:14	Human	ne	Cell death	Human	SH-SY5Y	c	Deduced
YWHAE	Tyrosine 3	HGNC:12	Required	k	Mass spec	Human	HEK293T	c	Deduced
GABPB1	GA bindin	HGNC:407	Downregu	RT-qPCR,	Human	HepG2, H	Deduced	_NA_	
AURKA	Aurora kin	HGNC:11	Inhibition	qRT-PCR,	Human	OE33, STK	Predicted	_NA_	
MIR4715	microRNA	HGNC:41	Inhibition	qRT-PCR,	Human	OE33, STK	Predicted	_NA_	
RIPK1	Receptor i	HGNC:10	Reduced	e	Cell viabili	Human	Patient-de	Deduced	
PRDX1	Peroxired	HGNC:93	Necessary	Western	b	Human	Primary	cc	Deduced
MIR30B	microRNA	HGNC:31	Upregulati	GSH assay	Human,	ra	Trophobla	Deduced	
SLC7A11	Solute car	HGNC:11	Silencing	c	RT-qPCR,	Human	HT-1080	c	SLC7A11 : Validated
GPX4	Glutathion	HGNC:45	RNAi-mec	Affinity-b	e	Human,	m	HRAS mut	GPX4 :-: Li
AKR1C1	Aldo-keto	HGNC:384	Up-regula	RNA-seq,	Human	DU-145	p	AKR1C1 :-	Validated
AKR1C2	Aldo-keto	HGNC:38	Up-regula	RNA-seq,	Human	DU-145	p	AKR1C2 :-	Validated
AKR1C3	Aldo-keto	HGNC:38	Up-regula	RNA-seq,	Human	DU-145	p	AKR1C3 :-	Validated
GPX4	Glutathion	HGNC:45	Knockout	i	Cell viabili	Human,	m	Mouse em	GPX4 :-: Li
RB1	RB transcr	HGNC:98	Rb knock-	RNA interf	Human,	m	HCC cell	li	RB1 :-: Fer
HSPB1	Heat shoc	HGNC:524	Knockdow	RNAi,	RT-(Human,	m	HeLa and	HSPB1 :-: Validated
HSF1	Heat shoc	HGNC:522	Knockdow	RNAi,	RT-(Human,	m	HeLa and	HSF1 :-: Fe
SLC7A11	Solute car	HGNC:11	Overexpre	Western	b	Human,	m	H1299 cell	SLC7A11 : Validated
GPX4	Glutathion	HGNC:45	Ex vivo,	G	Viability	a	Mice	T cells	GPX4 :-: F
GCLC	Glutamate	HGNC:43	RNAi knoc	RNAi,	qPC	Mice	Mouse em	GCLC :+	(Validated
SLC7A11	Solute car	HGNC:11	Overexpre	Cell death	Human	H1299 cell	SLC7A11	:	Validated
NFE2L2	Nuclear fa	HGNC:77	NRF2 play	Cell	Viabili	Human,	m	HepG2, H	e
SQSTM1	Sequestos	HGNC:112	The intera	Immunopr	Human,	m	HepG2, H	e	SQSTM1 :-: Validated
NQO1	NAD(P)H	HGNC:287	Knockdow	qRT-PCR,	Human,	m	HepG2, H	e	NQO1 :-: I
HMOX1	Heme oxy	HGNC:501	Knockdow	qRT-PCR,	Human,	m	HepG2, H	e	HMOX1 :-: Validated
FTH1	Ferritin he	HGNC:397	Knockdow	qRT-PCR,	Human,	m	HepG2, H	e	FTH1 :-: Fe
MUC1	Mucin 1, c	HGNC:75	MUC1-C	(shRNA,	G	Human	MDA-MB-	MUC1 :-:	Validated
SLC3A2	Solute car	HGNC:11	Required	f	Cell surviv	Mice	Mouse ES-	SLC3A2	:+
MT1G	Metallothi	HGNC:73	A negative	RNA interf	Human,	m	HCC cells	(MT1G :-: F
NFE2L2	Nuclear fa	HGNC:77	Required	f	shRNA,	q	Human	Huh7 and	NFE2L2
SLC40A1	Solute car	HGNC:10	Involved	ir	Western	b	Human	MDA MB	SLC40A1
SLC7A11	Solute car	HGNC:11	Knockdow	siRNA,	we	Human	MDA MB	SLC7A11	:
GPX4	Glutathion	HGNC:45	Knockdow	siRNA,	we	Human	MDA MB	GPX4 :-:	F
SLC7A11	Solute car	HGNC:11	Inhibition	i	Cell viabili	Human,	m	AMC-HN	SLC7A11

CISD1	CDGSH ircHGNC:308Genetic inlCytotoxicitHuman	HepG2 anCISD1 :-: IValidated
SLC7A11	Solute cariHGNC:11CElevated leWestern b Human	H1299 cellSLC7A11 : Validated
FANCD2	FA compleHGNC:358Inhibits erCell viabilitMice	Bone marrFANCD2 :-Validated
GPX4	GlutathionHGNC:455Protects liRT-PCR, wHuman	Umbilical \GPX4 :-: LValidated
NFE2L2	Nuclear faHGNC:778Nrf2 activzCell viabilitMice	Head and NFE2L2 :-:Validated
FTMT	Ferritin miHGNC:173OverexpreCell viabilitMice, fly	SH-SY5Y cFTMT :-: LValidated
HSPA5	Heat shocHGNC:523NegativelyCell viabilitHuman, m	PancreaticHSPA5 :+ : Validated
ATF4	Activating HGNC:786Inhibition cCCK8 cell \Human	PancreaticATF4 :+ : HValidated
SLC7A11	Solute cariHGNC:11CSc7a11 deCell viabilitMice	Mice, hepzSLC7A11 : Validated
GPX4	GlutathionHGNC:455FerroptosiRT-qPCR, Mice	Forebrain GPX4 :-: FValidated
GPX4	GlutathionHGNC:455DownregulImmunoblHuman	Human m:GPX4 :-: LiValidated
HMOX1	Heme oxyHGNC:501DemonsraRT-PCR, wMice	Renal proHMOX1 :- Validated
ATF4	Activating HGNC:786ATF4 exprsiRNA, cellHuman	U87 and LATF4 :+ : xValidated
NFE2L2	Nuclear faHGNC:778Nrf2 over Cell growt Human, ra	F98, U87 cNFE2L2 :+ Validated
TP53	Tumor prcHGNC:119Inhibits ferRNAi, live-Human, m	HCT116, aTP53 :+ : NValidated
SLC7A11	Solute cariHGNC:11CKnockdownshRNA, ce Human	HCT116 SLC7A11 : Validated
HELLS	Helicase, lHGNC:486LSH inhibiPlate-colo Human, m	Lung cancHELLS :+ : Validated
SCD	Stearoyl-CHGNC:105Depletion shRNA, RTHuman	A549 cancSCD :-: FeValidated
FADS2	Fatty acid HGNC:357Depletion shRNA, RTHuman	A549 cancFADS2 :-: Validated
SRC	SRC protoHGNC:112Src-STAT3ImmunoblHuman	MCF-10A SRC :+ : STValidated
STAT3	Signal trarHGNC:113Src-STAT3ImmunoblHuman	MCF-10A STAT3 :-: ,Validated
NFE2L2	Nuclear faHGNC:778ARF-medi Gene transHuman, m	H1299, SaNFE2L2 :+ Validated
PML	PromyelocHGNC:911PML expreCell death Human	IMR90 cellPML :-: FeValidated
MTOR	MechanistHGNC:394Necessary Cell viabilitMice	CardiomycMTOR :-: IValidated
NFS1	NFS1 cystHGNC:159SuppressicRNAi, cell Human	MDA-MB-NFS1 :-: TValidated
TP63	Tumor prcHGNC:159Delta Np6 siRNA, cellHuman	ME-180 cTP63 :-: FeValidated
SLC7A11	Solute cariHGNC:11COverexperCell viabilitHuman	MDA-MB-SLC7A11 : Validated
TP53	Tumor prcHGNC:119p53 stabiliImmunoblHuman	HT-1080 cTP53 :+ : CValidated
CDKN1A	Cyclin depHGNC:178Required tCRISPR, shHuman	HT-1080 cCDKN1A : Validated
MIR137	microRNAHGNC:315SuppressesImmunoblHuman, m	MelanomcMIR137 :-: Validated
SLC40A1	Solute cariHGNC:109OverexpreCell viabilitMice	TM4 SertoSLC40A1 : Validated
GPX4	GlutathionHGNC:455Activation Cell viabilitMice	TM4 SertoGPX4 :-: LiValidated
GPX4	GlutathionHGNC:455GPX4-ove Immunohi Human	LCL-K cell GPX4 :-: 8Deduced
ENPP2	EctonuclecHGNC:335OverexpreCell viabilitRat	H9c2 cells ENPP2 :-: Validated
VDAC2	Voltage deHGNC:126OverexpreWestern b Human	HT1080 cVDAC2 :-: Validated
FH	Fumarate HGNC:37CFH inactivcCRISPR/CcHuman	UOK262, FFH :+ : GPValidated
CISD2	CDGSH ircHGNC:242OverexpreCell viabilitHuman	Head and CISD2 :-: LValidated
SLC40A1	Solute cariHGNC:109A negativeCell viabilitHuman	SH-SY5Y cSLC40A1 : Validated
MIR9-1	microRNAHGNC:316OverexpreImmunoblHuman	A375 and MIR9 :-: GValidated
MIR9-2	microRNAHGNC:316OverexpreImmunoblHuman	A375 and MIR9 :-: GValidated
MIR9-3	microRNAHGNC:316OverexpreImmunoblHuman	A375 and MIR9 :-: GValidated
CBS	CystathionHGNC:155Inhibition cCell viabilitHuman, m	HepG2 celCBS :-: FeValidated
NFE2L2	Nuclear faHGNC:778AssociatecCell viabilitHuman, m	HNC cell liNFE2L2 :+ Validated

SQSTM1	Sequestosin 1	HGNC:112	Inhibition (siRNA, qPCR)	Human	HN3 cells	SQSTM1	:-	Validated	
GPX4	Glutathione peroxidase 4	HGNC:455	Overexpression	Cell viability	Human	HCT116, LGPX4	:-	F Validated	
ISCU	Iron-sulfur cluster assembly factor	HGNC:298	Overexpression	Cell viability	Human	HL60, KG1	ISCU	:+	G Validated
FTH1	Ferritin heavy chain 1	HGNC:397	FTH1 reconstruction	Cell viability	Human	HL60, KG1	FTH1	:-	Li Validated
ACSL3	Acyl-CoA synthetase long-chain family class 3 member 3	HGNC:357	Required for	Dead cell	Human	HEK293, HACSL3	:-	I Validated	
OTUB1	OTU domain containing 1	HGNC:233	Inactivation	CRISPR/Cas9	Human, mouse	H1299, SKO	TUB1	:+	Validated
CD44	CD44 molecule	HGNC:168	Knockdown	Western blot	Human	H1299 cell	CD44	:+	S Validated
LINC00333	Long intergenic non-coding RNA LINC00333	HGNC:338	Overexpression	qRT-PCR, Human	Human	A549 and (LINC00333)			Validated
STAT3	Signal transducer and activator of transcription 3	HGNC:113	Upregulation	Cell viability	Human	Osteosarcoma	STAT3	:-	I Validated
BRD4	Bromodomain containing protein 4	HGNC:135	Inhibition	Cell proliferation	Human	MDA-MB-	BRD4	:-	F Validated
PRDX6	Peroxiredoxin 6	HGNC:167	A negative	Western blot	Human	H1299 cell	PRDX6	:-	Validated
MIR17	microRNA-17	HGNC:315	Protects against	Lentivirus	Human	HUVEC cell	MIR17	:-	, Validated
SCD	Stearoyl-CoA desaturase 1	HGNC:105	Inhibition	Cell viability	Human, mouse	OVCA4-3, SCD	:+	C Validated	
SESN2	Sestrin 2	HGNC:207	Has cytoprotective	MTT assay	Human, mouse	HepG2 and	SESN2	:-	I Validated
NF2	Neurofibromin 2	HGNC:777	Genetic inactivation	Cell death	Human, mouse	Mouse embryonic	NF2	:-	Y A Validated
ARNTL	Aryl hydrocarbon receptor nuclear translocator 1	HGNC:701	Degradation	Cytotoxicity	Human, mouse	Calu-1, T47D	ARNTL	:-	Validated
HIF1A	Hypoxia-inducible factor 1 alpha	HGNC:491	Destabilization	Cytotoxicity	Human, mouse	Calu-1, T47D	HIF1A	:-	Validated
JUN	Jun proto-oncogene	HGNC:620	CO-GlcNAc modification	Immunofluorescence	Human, mouse	Bel-7402, JUN	:+	G S Deduced	
CA9	Carbonic anhydrase 9	HGNC:138	Inhibition	qRT-PCR, Human	Human	Mesothelioma	CA9	:-	F Validated
HSPA5	Heat shock protein 70 kDa class B member 5	HGNC:523	Knockdown	Fluorescence	Human, mouse	Pancreatic	GRP78	:-	Validated
TMBIM4	Transmembrane protein 4	HGNC:242	Protects against	Cell viability	Human, mouse	Hep G2, HS1R	:-	F Validated	
HSPA5	Heat shock protein 70 kDa class B member 5	HGNC:523	Serves as	Cell viability	Human, mouse	Glioma cell	HSPA5	:+	Predicted
PLIN2	Perilipin 2	HGNC:248	An indispensable	Cell proliferation	Human, mouse	SGC7901	PLIN2	:-	F Screened
MIR212	microRNA-212	HGNC:315	Overexpression	Controlled	Mice	HT22 and (miR-212)			Validated
Fer1HCH	Ferritin heavy chain 1	HGNC:397	Reduced	RT-qPCR, Drosophila	Fly	Fer1HCH			Predicted
AIFM2	Apoptosis-inducing factor 2	HGNC:214	A glutathione	Expression	Human, mouse	MCF-7, H1hESC	FPS1	:+	C Validated
AIFM2	Apoptosis-inducing factor 2	HGNC:214	potent	Synthetic	Human, mouse	U-2 OS cell	FPS1	:+	C Validated
LAMP2	Lysosomal-associated membrane protein 2	HGNC:650	Knockdown	Cell viability	Human	ARPE-19, LAMP2	:+	Validated	
ZFP36	ZFP36 ring finger protein	HGNC:128	ZFP36 plasmid	Cell viability	Human, mouse	Hepatic stellate	ZFP36	:-	, Validated
GPX4	Glutathione peroxidase 4	HGNC:455	Depletion	Quantitative	Human, mouse	H9c2 and	GPX4	:-	Li Validated
PROM2	Prominin 2	HGNC:206	Induced by	RNA-seq, Human	Human	MCF10A, PROM2			Validated
CHMP5	Charged multivesicular body protein 5	HGNC:269	Ferroptosis	RNAi, western blot	Human, mouse	PANC1 and	CHMP5	:-	Validated
CHMP6	Charged multivesicular body protein 6	HGNC:256	Ferroptosis	RNAi, western blot	Human, mouse	PANC1 and	CHMP6	:-	Validated
AKR1C1	Aldo-keto reductase family 1 class C member 1	HGNC:384	Inhibition	RNAi, cell	Human	MeWo, A2	AKR1C1	:-	Validated
AKR1C2	Aldo-keto reductase family 1 class C member 2	HGNC:385	Inhibition	RNAi, cell	Human	MeWo, A2	AKR1C2	:-	Validated
AKR1C3	Aldo-keto reductase family 1 class C member 3	HGNC:386	Inhibition	RNAi, cell	Human	MeWo, A2	AKR1C3	:-	Validated
CBS	Cystathionine beta-synthase	HGNC:155	Knockdown	RNAi, cell	Human	SKOV3 and	CBS	:+	Cy Validated
NFE2L2	Nuclear factor erythroid 2-like 2	HGNC:778	Genetically	RNAi, cell	Human	SKOV3 and	NFE2L2	+	Validated
CAV1	Caveolin 1	HGNC:152	Cav-1 deficiency	Immunofluorescence	Human, mouse	LO2 cells, CAV-1	:+	Validated	
GCH1	GTP cyclohydrolase 1	HGNC:419	Gch1 overexpression	CRISPR activation	Human	HT-1080, GCH1	:+	I Validated	

org/ferrdb/)

Caution	Protein en UniProtKB	PMID	Remark
NA	60S ribosc	P62917 (R 22632970	_NA_
NA	Iron-respc	P48200 (F22632970	_NA_
NA	ATP synth	P48201 (A 22632970	ATP5G3 in article
NA	Citrate syn	O75390 (C22632970	_NA_
NA	ER membr	Q15006 (E22632970	TTC35 in article
NA	Medium-c	Q96CM8 (22632970	_NA_
The preser	NADPH o>	Q9Y5S8 (F22632970	_NA_
The preser	Cytochro	nP04839 (C 22632970	NOX2 in article
The preser	NADPH o>	Q9HBY0 (I22632970	_NA_
The preser	NADPH o>	Q9NPH5 (22632970	_NA_
The preser	NADPH o>	Q96PH1 (I22632970	_NA_
The preser	Dual oxid	eQ9NRD9 (22632970	_NA_
The preser	Dual oxid	eQ9NRD8 (22632970	_NA_
NA	Glucose-6	P11413 (G22632970	_NA_
NA	6-phosph	rP52209 (G22632970	_NA_
NA	Voltage-d	P45880 (V22632970	_NA_
Also invol	Phosphat	iP42336 (P 24739485	PI3Kalpha in article
Also invol	Receptor-	P36888 (F124739485	_NA_
Transient	εNon-speci	P22307 (N25402683	_NA_
The acetyl	Cellular tu	P04637 (P:25799988	_NA_
Author pr	eLong-chai	O60488 (A25965523	_NA_
Author pr	eLysophos	Q6P1A2 (F25965523	_NA_
Inferred	asGTPase	NFP01111 (R.26157704	_NA_
Inferred	asGTPase	KFP01116 (R.26157704	_NA_
Inferred	asGTPase	HFP01112 (R.26157704	_NA_
NA	Serotransf	P02787 (T 26166707	Transferrin in article
NA	Transferrir	P02786 (T 26166707	Tfr in article
NA	Transferrir	Q9UP52 (I26166707	Tfr in article
NA	Sodium-α	Q9H2H9 (I:26166707	_NA_
NA	Neutral an	Q15758 (A26166707	_NA_
NA	Glutamina	Q9UI32 (G26166707	_NA_
NA	Aspartate	P17174 (A26166707	_NA_
NA	Cysteine--	P49589 (S'26184909	CARS in article
NA	Cellular tu	P04637 (P:26218928	p53 in article
NA	Arachidon	P09917 (L26235588	5-LOX in article
NA	Kelch-like	Q14145 (K26403645	_NA_
Other artic	Heme oxy	P09601 (H26405158	HO-1 in article
NA	Cellular tu	P04637 (P:26943586	p53 in article
NA	Cellular tu	P04637 (P:27034505	p53 in article
NA	Glutamina	Q9UI32 (G27034505	_NA_
NA	Autophag	Q9H1Y0 (I27245739	_NA_

NA Ubiquitin-O95352 (A27245739 _NA_
 NA Nuclear reQ13772 (N27245739 _NA_
 NA SerotransfP02787 (T27441659 Transferrin in article
 NA ArachidonP09917 (L27506793 _NA_
 NA ArachidonP18054 (L27506793 _NA_
 NA ArachidonO75342 (L27506793 _NA_
 NA ArachidonP16050 (L27506793 _NA_
 NA ArachidonO15296 (L27506793 _NA_
 NA HydropercQ9BYJ1 (L27506793 _NA_
 NA PhosphoryP15735 (P27506793 _NA_
 NA TransferrinP02786 (T27514700 _NA_
 NA CytoplasmP21399 (A27514700 _NA_
 NA Iron-respcP48200 (I27514700 _NA_
 NA Sodium-cQ9H2H9 (I27514700 _NA_
 NA GlutaminaQ9UI32 (G27514700 _NA_
 NA _NA_ _NA_ 27514700 Not found in HGNC
 NA Serine/thrO75385 (L27514700 _NA_
 NA Ubiquitin-Q9NT62 (I27514700 _NA_
 NA Cysteine pQ86TL0 (A27514700 _NA_
 NA AutophagQ9H1Y0 (I27514700 _NA_
 NA Beclin-1 Q14457 (E27514700 _NA_
 NA MicrotubuQ9H492 (I27514700 _NA_
 NA Gamma-aP60520 (G27514700 _NA_
 NA Gamma-aQ9H0R8 (L27514700 _NA_
 NA AutophagQ676U5 (I27514700 _NA_
 NA WD repeaQ5MNZ9 (I27514700 _NA_
 NA WD repeaQ9Y4P8 (V27514700 _NA_
 NA Sorting neO95219 (S27514700 _NA_
 NA AutophagO75143 (A27514700 _NA_
 NA Serine/thrQ8IYT8 (U27514700 _NA_
 NA Nuclear reQ13772 (N27514700 _NA_
 NA Long-chaiO60488 (A27565726 _NA_
 NA Cellular tuP04637 (P27705786 _NA_
 Activated IDiamine aP21673 (S27698118 _NA_
 NA ArachidonP16050 (L27698118 _NA_
 NA Long-chaiO60488 (A27842066 _NA_
 NA LysophosQ6P1A2 (I27842066 _NA_
 NA ArachidonP16050 (L27842066 15-LOX in article
 NA Long-chaiO60488 (A27842070 _NA_
 NA Kelch-like Q14145 (K28012440 _NA_
 NA Epidermal P00533 (E28297659 _NA_
 NA NADPH oxQ9NPH5 (I28297659 _NA_
 NA Mitogen-εP27361 (N28297659 ERK1 in article

NA Mitogen-εP28482 (N28297659 ERK2 in article
 NA BH3-inter:P55957 (B 28384611 _NA_
 NA Long-chaiO60488 (A28551825 _NA_
 NA Zinc fingerP37275 (Z 28678785 _NA_
 NA Kelch-like Q14145 (K28805788 _NA_
 NA DipeptidylP27487 (D28813679 _NA_
 NA ArachidonP16050 (L28837253 _NA_
 NA ArachidonP18054 (L28837253 _NA_
 NA Cyclin-de:P42771 (C 28985506 ARF in article
 NA PhosphatidP30086 (P 29053969 _NA_
 NA SuppressoO15524 (S29081404 _NA_
 NA Cysteine dQ16878 (C29144989 _NA_
 NA TranscriptiP10242 (N29144989 C-Myb in article
 NA Heme oxyP09601 (H29274359 HO-1 in article
 NA Mitogen-εP45983 (N29330409 JNK1 in article
 NA Mitogen-εP45984 (N29330409 JNK2 in article
 NA Mitogen-εP28482 (N29330409 ERK2 in article
 NA Mitogen-εP27361 (N29330409 ERK1 in article
 NA Neutral anQ15758 (A29348676 _NA_
 NA GlutathionQ9BUX1 (I29383104 _NA_
 NA Mitogen-εQ16539 (N29436589 p38 MAPK in article
 Also triggePputative uQ9H8W2 (29588351 P53RRA in article
 NA NADPH oQ9NPH5 (29702192 _NA_
 NA Aspartate P17174 (A 30035324 _NA_
 NA Beclin-1 Q14457 (E30057310 _NA_
 NA 5'-AMP-aP54646 (A 30057310 PRKAA in article
 NA 5'-AMP-aQ13131 (A30057310 AMPK alpha in article
 NA ELAV-like Q15717 (E30081711 _NA_
 NA Ubiquitin cQ92560 (E30202049 _NA_
 NA Cellular tuP04637 (P30321484 P53 in article
 NA Multidrug P33527 (N30726737 MRP1 in article
 NA Long-chaiO60488 (A30737476 _NA_
 NA _NA_ _NA_ 30787392 _NA_
 NA Activin recP36896 (A30804470 ALK4 in article
 NA TGF-beta P36897 (T30804470 ALK5 in article
 NA Ubiquitin cQ92560 (E30907299 _NA_
 NA EndotheliaQ99814 (E30962421 HIF-2alpha in article
 NA Hypoxia-irQ9Y5L2 (F30962421 _NA_
 NA Hypoxia-irQ16665 (F30962421 HIF-1alpha in article
 NA ArachidonP18054 (L30962574 _NA_
 NA Long-chaiO60488 (A30962574 _NA_
 NA Heme oxyP09601 (H31036877 _NA_
 NA Interferon P01579 (IF31043744 IFNgamma in article

NA Anoctamin Q4KMQ2 (I31060306 _NA_
 NA Phosphatidylserine Q14693 (L31061954 _NA_
 NA High mobility group protein B1 P09429 (H31105999 _NA_
 NA Tumor necrosis factor receptor type 1 P21580 (T31160087 Zinc lipoprotein A20 in article
 NA Toll-like receptor 1 O00206 (T31196626 _NA_
 NA NADPH oxidase 1 Q9NPH5 (I31196626 _NA_
 NA Cyclic AMP response element binding protein 1 P18847 (A31273299 _NA_
 NA Serine protease 1 Q13315 (A31320750 _NA_
 NA YY1-associated protein 1 Q9H869 (I31341276 YAP in article
 NA Egl nine homolog 1 Q96KS0 (E31355331 _NA_
 NA Inositol 1,4,5-bisphosphate 3-kinase A class 1 beta Q9UGB7 (I31437128 _NA_
 NA Tafazzin Q16635 (T31484063 _NA_
 NA Protein LYQ86UE4 (L31527591 _NA_
 NA Isocitrate dehydrogenase 2 alpha Q75874 (I31591388 _NA_
 NA NAD-dependent histone deacetylase 1 Q96EB6 (S31610175 _NA_
 NA Tafazzin Q16635 (T31641008 _NA_
 NA Beclin-1 Q14457 (E31650158 Beclin1 in article
 NA F-box and WD domain-containing protein 7 Q969H0 (F31679460 _NA_
 NA Pannexin-1 Q96RD7 (F31694915 _NA_
 NA DnaJ homolog 1 O75190 (L31701262 _NA_
 NA Transcription factor 1 O14867 (E31740582 _NA_
 NA Long-chain fatty acid oxidase 1 O60488 (A31789401 _NA_
 NA Lon protease P36776 (L31822343 _NA_
 Prostaglandin synthase P35354 (P24439385 May promote ferroptosis.
 Dual specificity phosphatase 2 P28562 (D24439385 May promote ferroptosis.
 Nitric oxide synthase 2 P35228 (N24439385 May promote ferroptosis.
 Neutrophil gelatinase-associated lipocalin P19878 (N24439385 May promote ferroptosis.
 Metallothionein 1B P25713 (N24439385 May promote ferroptosis.
 Polyubiquitin P0CG48 (L24439385 May promote ferroptosis.
 Serum albumin P02768 (A24439385 May promote ferroptosis.
 Thioredoxin Q16881 (T24439385 May promote ferroptosis.
 Sulfiredoxin Q9BYN0 (I24439385 May promote ferroptosis.
 Glutathione peroxidase 1 P18283 (G24439385 May promote ferroptosis.
 BCL2/adenosine 1 Q12983 (E24439385 May promote ferroptosis.
 Serine/threonine kinase 1 O95747 (C24439385 May promote ferroptosis.
 Selenoprotein Q9BQE4 (I24439385 SELS in article. May promote ferroptosis.
 Angiopoietin 1 O43827 (A24439385 May promote ferroptosis.
 Glutathione S-transferase Q9BUX1 (I24844246 _NA_
 Cystine/glutamate transporter-like protein Q9UPY5 (I24844246 May inhibit ferroptosis.
 DNA damage-inducible protein 1 Q9NX09 (I24844246 May promote ferroptosis.
 NA _NA_ 24844246 Not found in HGNC. May promote ferroptosis.
 Asparaginase P08243 (A24844246 May promote ferroptosis.
 TSC2 domain-containing protein Q99576 (T24844246 May promote ferroptosis.

DDIT3 upsP0DPQ6 (I24844246 May promote ferroptosis.
Jun dimeriQ8WYK2 (24844246 May promote ferroptosis.
Sestrin-2 P58004 (S|24844246 May promote ferroptosis.
Neutral anP43007 (S,24844246 May promote ferroptosis.
PhosphoeiQ16822 (F24844246 May promote ferroptosis.
ThioredoxiQ9H3M7 (24844246 May promote ferroptosis.
Very low- α P98155 (V24844246 May promote ferroptosis.
Alanine anQ8TD30 (/24844246 May promote ferroptosis.
Phosphos ϵ Q9Y617 (S24844246 May promote ferroptosis.
Leucine ricQ8IV03 (LI24844246 C9ORF150 in article. May promote ferroptosis.
Large neuIQ01650 (L24844246 May promote ferroptosis.
HomocystQ15011 (F24844246 May promote ferroptosis.
X-box-binP17861 (X24844246 May promote ferroptosis.
Cyclic AMIP18847 (A24844246 May promote ferroptosis.
4F2 cell-stP08195 (4|24844246 May promote ferroptosis.
CystathiorP35520 (C24844246 May promote ferroptosis.
Cyclic AMIP18848 (A24844246 May promote ferroptosis.
Zinc fingerQ96HQ0 (24844246 May promote ferroptosis.
Kelch-like Q6TFL4 (K24844246 May promote ferroptosis.
Tribbles hcQ96RU7 (T24844246 May promote ferroptosis.
Zinc fingerQ9UJL9 (Z24844246 ZNF643 in article. May promote ferroptosis.
V-type prcO95670 (V24844246 May promote ferroptosis.
Vascular eP15692 (V24844246 May promote ferroptosis.
Growth/diQ99988 (C24844246 May promote ferroptosis.
Tubulin epQ9UJT0 (T24844246 May promote ferroptosis.
Arrestin dkQ96B67 (/24844246 May promote ferroptosis.
CCAAT/enP53567 (C24844246 May promote ferroptosis.
NA _NA_ 24844246 May inhibit ferroptosis.
Regulator P49798 (R24844246 May inhibit ferroptosis.
NA _NA_ 24844246 MUTED-TXNDC5 in article. May inhibit ferroptosis.
NA _NA_ 24844246 Not found in HGNC. May inhibit ferroptosis.
EukaryoticP05198 (IF24844246 eIF2 α in article. May promote ferroptosis.
NA _NA_ 25385600 Not found in HGNC. May promote ferroptosis.
InterleukinP05231 (IL25385600 IL-6 in article. May promote ferroptosis.
C-X-C mcP19875 (C25385600 May promote ferroptosis.
TranscriptiQ04206 (T25385600 p65 in article. May promote ferroptosis.
Estradiol 1Q8NBQ5 (25965523 May promote ferroptosis.
1-acyl-sn-Q9NRZ7 (I25965523 May promote ferroptosis.
Histone-lyQ9UPS6 (ξ 25965523 May promote ferroptosis.
Heme oxyP09601 (H26097885 HO-1 in article. May promote ferroptosis.
SerotransfP02787 (T|26097885 May promote ferroptosis.
Ferritin ligP02792 (FI26097885 May promote ferroptosis.
60S riboscP62917 (R26097885 May promote ferroptosis.

ATP synth: P48201 (A26097885 ATP5G3 in article. May promote ferroptosis.
Transferrin: P02786 (T26097885 May inhibit ferroptosis.
Transcript: O15525 (N26403645 May inhibit ferroptosis.
Interleukin: O95760 (I27352622 IL-33 in article. May promote ferroptosis.
Ferritin he: P02794 (F27514700 _NA_
Solute carrier: Q9NP59 (S27773819 May promote ferroptosis.
Serotransferrin: P02787 (T27773819 May promote ferroptosis.
Transferrin: P02786 (T27773819 May promote ferroptosis.
Ferritin he: P02794 (F27773819 May inhibit ferroptosis.
Phospholipase: P36969 (G27773819 May inhibit ferroptosis.
Hepcidin: P81172 (H27773819 May inhibit ferroptosis.
Heat shock protein: P04792 (H27773819 May inhibit ferroptosis.
Nuclear factor: Q16236 (N27773819 NRF2 in article. May inhibit ferroptosis.
Metalloreductase: Q658P3 (S27773819 May inhibit ferroptosis.
D(1B) dopamine transporter: P21918 (D27793671 May promote ferroptosis.
Phospholipase: P36969 (G27793671 May inhibit ferroptosis.
D(4) dopamine transporter: P21917 (D27793671 May inhibit ferroptosis.
Mitogen-activated protein kinase: Q99683 (N28887319 ASK1 in article. May promote ferroptosis.
Mitogen-activated protein kinase: Q16539 (N28887319 p38 in article. May promote ferroptosis.
Solute carrier: P11166 (G28900510 GLUT1 in article. May inhibit ferroptosis.
Solute carrier: P11169 (G28900510 GLUT3 in article. May inhibit ferroptosis.
Solute carrier: Q9UGQ3 (28900511 GLUT6 in article. May inhibit ferroptosis.
Solute carrier: Q9NY64 (C28900512 GLUT8 in article. May inhibit ferroptosis.
Solute carrier: Q8TD20 (C28900513 GLUT12 in article. May inhibit ferroptosis.
NA _NA_ 28900514 Not found in HGNC. May inhibit ferroptosis.
Solute carrier: Q8TDB8 (C28900515 GLUT14 in article. May inhibit ferroptosis.
eIF-2-alpha: Q9P2K8 (E29383104 GCN2 in article. May promote ferroptosis.
Eukaryotic translation initiation factor: P05198 (I29383104 eIF2alpha in article. May promote ferroptosis.
Cyclic AMP-dependent protein kinase: P18848 (A29383104 May promote ferroptosis.
Arachidonate 5-lipoxygenase: P09917 (L29632885 5-LOX in article
Arachidonate 12-lipoxygenase: P18054 (L29632885 p12-LOX in article
Arachidonate 15-lipoxygenase-1: P16050 (L29632885 15-LOX-1 in article
Arachidonate 5-lipoxygenase: P09917 (L30294906 May promote ferroptosis.
Medium-chain acyl-CoA oxidase: Q96CM8 (30539824 There is a corrigendum for this article. May promote ferroptosis.
Iron-responsive element-binding protein: P48200 (I30539824 There is a corrigendum for this article. May promote ferroptosis.
Phospholipase: P36969 (G30539824 There is a corrigendum for this article.
High mobility group protein: P09429 (H30686534 May promote ferroptosis.
Heme oxygenase: P09601 (H30692261 May promote ferroptosis.
Nuclear factor: Q16236 (N30692261 NRF2 in article.
ELAV-like protein: Q15717 (E30787392 May inhibit ferroptosis.
4F2 cell-surface protein: P08195 (A31043744 May inhibit ferroptosis.
Cystine/glutamate transporter: Q9UPY5 (G31043744 May inhibit ferroptosis.
Transcript: Q92754 (A31056284 May inhibit ferroptosis.

TranscriptiP08047 (S131056284 May inhibit ferroptosis.
 HemoglotP69905 (H31108460 May promote ferroptosis.
 NicotinamP40261 (N31108460 May promote ferroptosis.
 Perilipin-4Q96Q06 (I31108460 May promote ferroptosis.
 HypermetlQ14526 (F31108460 May promote ferroptosis.
 Stathmin P16949 (S31108460 May inhibit ferroptosis.
 RibonucleP31350 (R31108460 May inhibit ferroptosis.
 Macrophap40121 (C31108460 May inhibit ferroptosis.
 HepatocytP41235 (H31108460 May inhibit ferroptosis.
 NeuroglotQ9NPG2 (31405213 May inhibit ferroptosis.
 14-3-3 prP62258 (131581313 14-3-3epsilon in article. May promote ferroptosis.
 GA-bindinQ06547 (C31700067 May inhibit ferroptosis.
 Aurora kinO14965 (A31740746 May inhibit ferroptosis.
 NA _NA_ 31740746 miR-4715-3p in article. May promote ferroptosis.
 Receptor-Q13546 (F31827280 May promote ferroptosis.
 PeroxiredcQ06830 (F31901729 May promote ferroptosis.
 NA _NA_ 31926626 miR-30b-5p in article. May promote ferroptosis.
 NA Cystine/gliQ9UPY5 (22632970 _NA_
 NA PhospholiP36969 (G24439385 _NA_
 NA Aldo-ketoQ04828 (A24844246 _NA_
 NA Aldo-ketoP52895 (A24844246 _NA_
 NA Aldo-ketoP42330 (A24844246 _NA_
 NA PhospholiP36969 (G25402683 _NA_
 NA RetinoblasP06400 (R25444922 _NA_
 NA Heat shocP04792 (H25728673 _NA_
 NA Heat shocQ00613 (F25728673 _NA_
 NA Cystine/gliQ9UPY5 (25799988 _NA_
 NA PhospholiP36969 (G25824823 _NA_
 NA GlutamateP48506 (G26166707 _NA_
 NA Cystine/gliQ9UPY5 (26218928 _NA_
 NA Nuclear faQ16236 (N26403645 NRF2 in article
 NA SequestosQ13501 (S26403645 p62 in article.
 NA NAD(P)H cP15559 (N26403645 _NA_
 Article (PMHeme oxyP09601 (H26403645 HO1 in article
 NA Ferritin he.P02794 (F26403645 _NA_
 NA Mucin-1 P15941 (M26930718 _NA_
 NA 4F2 cell-stP08195 (426945935 CD98hc in article
 NA MetallothiP13640 (M27015352 MT-1G in article
 Its ability t Nuclear faQ16236 (N27015352 NRF2 in article
 NA Solute carQ9NP59 (27441659 Ferroportin-1 (FPN) in article
 NA Cystine/gliQ9UPY5 (27441659 _NA_
 NA PhospholiP36969 (G27441659 _NA_
 NA Cystine/gliQ9UPY5 (27477897 _NA_

NA CDGSH ircQ9NZ45 ((27510639 _NA_
 NA Cystine/gliQ9UPY5 (27705786 _NA_
 NA Fanconi arQ9BXW9 (27773819 _NA_
 NA PhospholipP36969 (G27964880 _NA_
 NA Nuclear faQ16236 (N28012440 NRF2 in article
 NA Ferritin Q8N4E7 (F28066232 _NA_
 NA EndoplasmP11021 (B28130223 _NA_
 NA Cyclic AMIP18848 (A28130223 _NA_
 NA Cystine/gliQ9UPY5 (28195347 _NA_
 NA PhospholipP36969 (G28212525 _NA_
 NA PhospholipP36969 (G28297659 _NA_
 Article (PMHeme oxyP09601 (H28515173 HO-1 in article
 NA Cyclic AMIP18848 (A28553953 _NA_
 NA Nuclear faQ16236 (N28805788 Nrf2 in article
 Promotes Cellular tuP04637 (P28813679 _NA_
 NA Cystine/gliQ9UPY5 (28813679 _NA_
 NA Lymphoid Q9NRZ9 (I28900510 LSH in article
 NA Acyl-CoA O00767 (F28900510 SCD1 in article
 NA Acyl-CoA O95864 (F28900510 _NA_
 NA Proto-oncP12931 (S28972104 _NA_
 NA Signal transP40763 (S28972104 _NA_
 NA Nuclear faQ16236 (N28985506 NRF2 in article
 NA Protein PMP29590 (P29081404 _NA_
 NA Serine/thrP42345 (M29127238 _NA_
 NA Cysteine dQ9Y697 (N29168506 _NA_
 NA Tumor prcQ9H3D4 (29212036 Delta Np63 alpha in article
 NA Cystine/gliQ9UPY5 (29274359 _NA_
 Found to Cellular tuP04637 (P29346757 p53 in article
 NA Cyclin-deP38936 (C29346757 Encoding p21
 NA _NA_ _NA_ 29348676 _NA_
 NA Solute carQ9NP59 (29436589 Fpn in article
 NA PhospholipP36969 (G29436589 _NA_
 The autho PhospholipP36969 (G29463878 _NA_
 NA EctonuclecQ13822 (E29551679 _NA_
 NA Voltage-dP45880 (V29569437 _NA_
 NA Fumarate P07954 (F29917289 _NA_
 NA CDGSH ircQ8N5K1 ((29928961 _NA_
 NA Solute carQ9NP59 (29949159 Ferroportin in article
 NA _NA_ _NA_ 30035324 miR-9 in article
 NA _NA_ _NA_ 30035324 miR-9 in article
 NA _NA_ _NA_ 30035324 miR-9 in article
 NA CystathionP35520 (C30258181 _NA_
 NA Nuclear faQ16236 (N30339884 Nrf2 in article

Not test cSequestos Q13501 (S30339884 p62 in article.

NA PhospholipP36969 (G30524291 _NA_

NA Iron-sulfurQ9H1K1 (I30557609 _NA_

NA Ferritin he.P02794 (F30557609 FTH in article

NA Long-chai Q95573 (A30686757 _NA_

NA Ubiquitin tQ96FW1 (I30709928 _NA_

NA CD44 antiP16070 (C30709928 _NA_

NA Putative uiQ6ZUF6 (I30787392 _NA_

NA Signal trarP40763 (S30811078 _NA_

NA BromodorO60885 (E30988278 _NA_

NA PeroxiredcP30041 (P31036877 _NA_

NA _NA_ _NA_ 31160087 miR-17-92 in article

NA Acyl-CoA O00767 (A31270077 SCD1 in article

NA Sestrin-2 P58004 (S131323261 Sesn2 in article

NA Merlin P35240 (M31341276 Also known as merlin

NA Aryl hydroO00327 (E31355331 _NA_

NA Hypoxia-irQ16665 (F31355331 _NA_

NA TranscriptiP05412 (JL31394193 c-Jun in article

NA Carbonic εQ16790 (C31442913 _NA_

NA EndoplasnP11021 (B31456633 GRP78 in article

NA Protein lifeQ9HC24 (I31507082 S1R in article

NA EndoplasnP11021 (B31519193 _NA_

NA Perilipin-2Q99541 (F31520166 Also known as ADRP

NA _NA_ _NA_ 31533781 miR-212-5p in article

NA Ferritin H1UUD2 (31568497 _NA_

NA Apoptosis Q9BRQ8 (31634899 FSP1 in article

NA Apoptosis Q9BRQ8 (31634900 FSP1 in article

NA Lysosome P13473 (L31672277 _NA_

NA mRNA decP26651 (T31679460 _NA_

NA PhospholipP36969 (G31685805 _NA_

NA Prominin- Q8N271 (F31735663 Prominin2 in article

NA Charged nQ9NZZ3 (I31761326 _NA_

NA Charged nQ96FZ7 (C31761326 _NA_

NA Aldo-keto Q04828 (A31780644 _NA_

NA Aldo-keto P52895 (A31780644 _NA_

NA Aldo-keto P42330 (A31780644 _NA_

NA CystathionP35520 (C31819185 _NA_

NA Nuclear faQ16236 (F31819185 NRF2 in article

NA Caveolin-1Q03135 (C31877357 Cav-1 in article

NA GTP cyclotP30793 (G31989025 _NA_

3.

3.