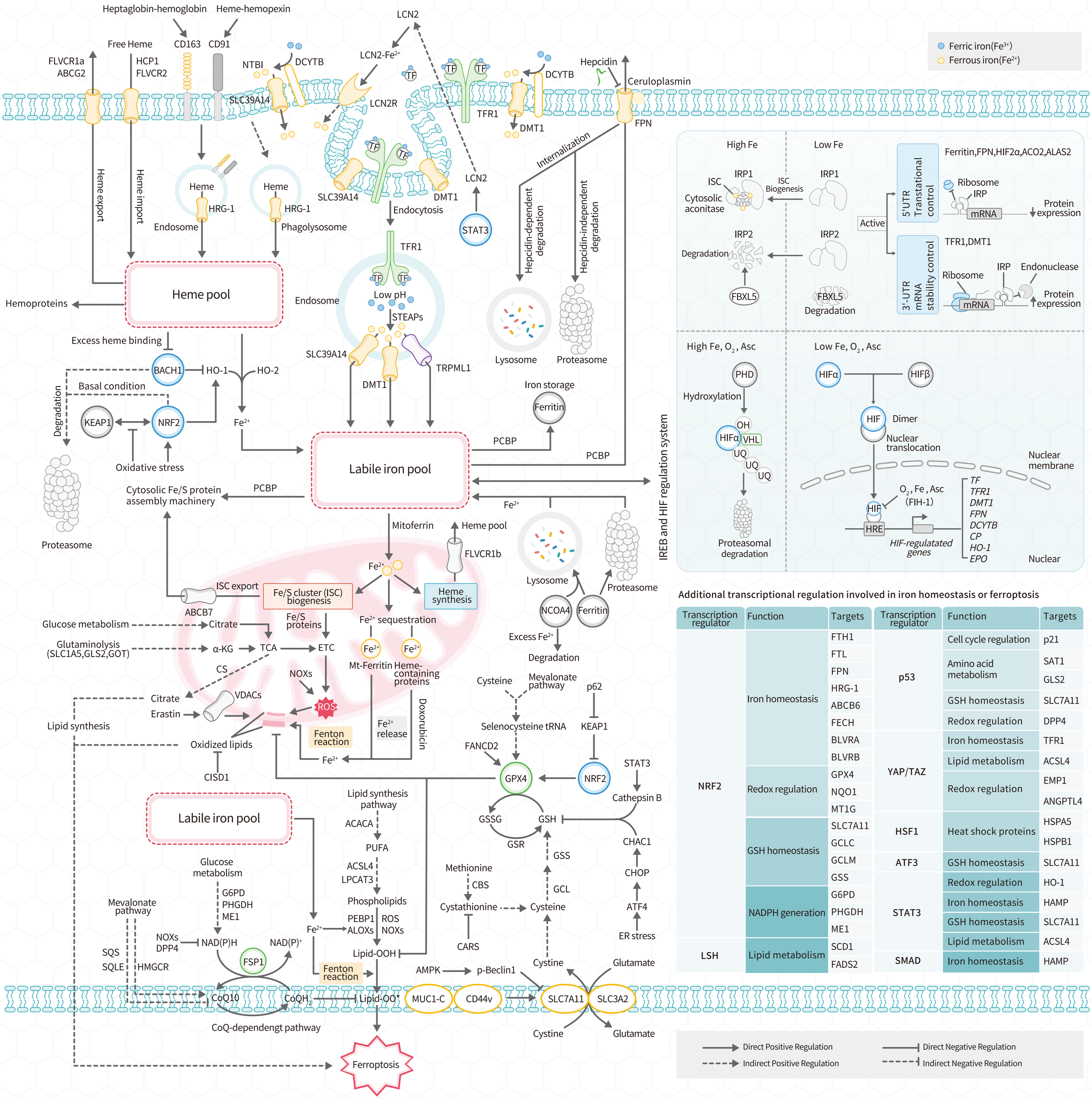
Ferroptosis Pathway



Additional transcriptional regulation involved in iron homeostasis or ferroptosis

Transcription regulator	Function	Targets	Transcription regulator	Function	Targets
NRF2	Iron homeostasis	FTH1	p53	Cell cycle regulation	p21
		FTL		Amino acid metabolism	SAT1
		FPN			GLS2
		HRG-1		GSH homeostasis	SLC7A11
		ABCB6		Redox regulation	DPP4
		FECH	YAP/TAZ	Iron homeostasis	TFR1
		BLVRA		Lipid metabolism	ACSL4
		BLVRB		Redox regulation	EMP1
	Redox regulation	GPX4			ANGPTL4
		NQO1	HSF1	Heat shock proteins	HSPA5
		MT1G			HSPB1
	GSH homeostasis	SLC7A11	ATF3	GSH homeostasis	SLC7A11
		GCLC	STAT3	Redox regulation	HO-1
		GCLM		Iron homeostasis	HAMP
		GSS		GSH homeostasis	SLC7A11
	NADPH generation	G6PD		Lipid metabolism	ACSL4
		PHGDH	SMAD	Iron homeostasis	HAMP
		ME1			
LSH	Lipid metabolism	SCD1			
		FADS2			