

Supplementary information

DHODH inhibitors sensitize to ferroptosis by FSP1 inhibition

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Supplemental file

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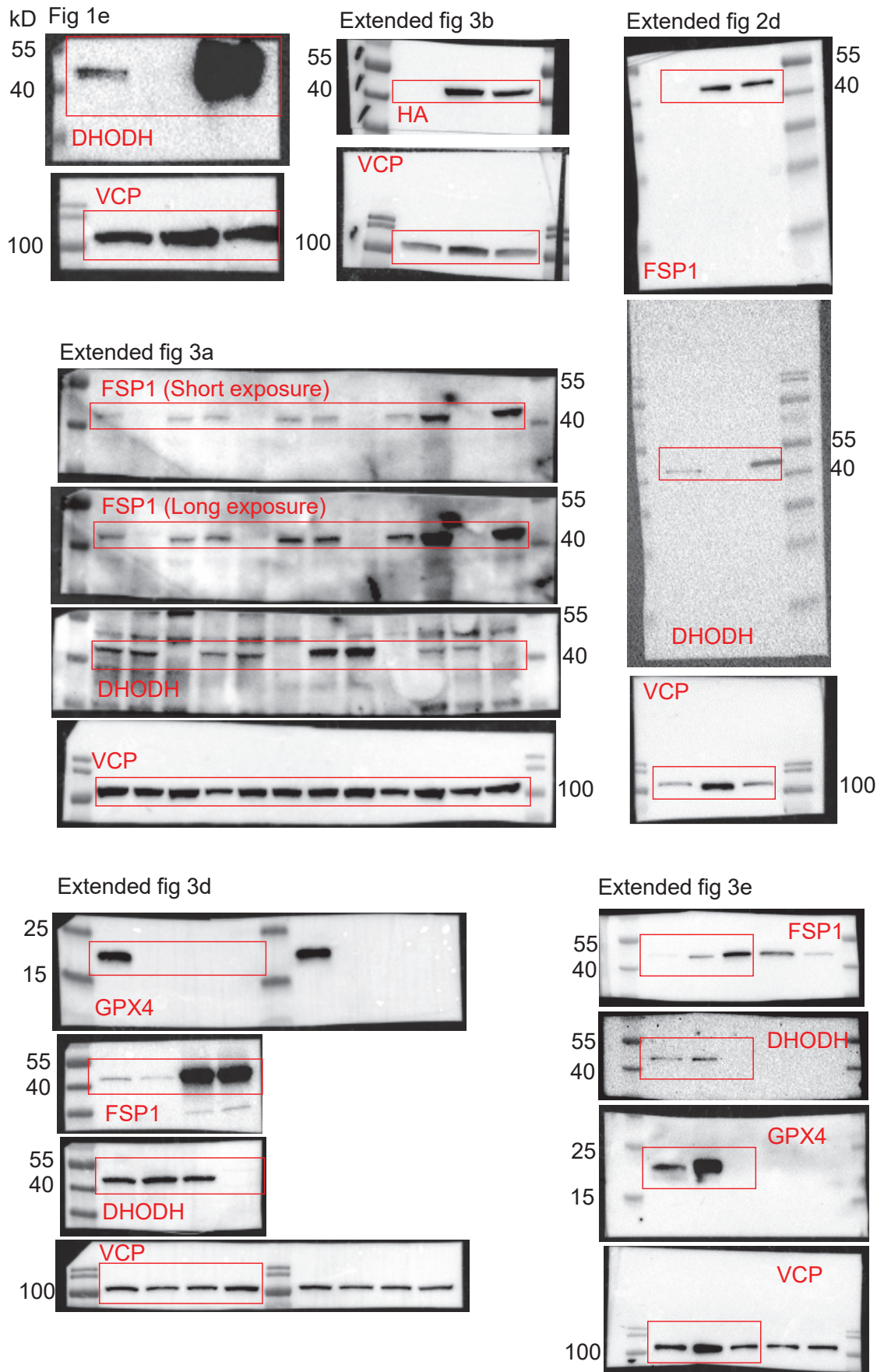
Supplementary table 1. Sequences of sgRNA guides used to generate the knockout cell lines.

Supplementary Fig 1. Uncropped gel images.

Supplementary table 1. Sequences of sgRNA guides used to generate the knockout cell lines

Cell name	Parental cells	Target genes	sgRNA vector	sgRNA (5'-)	Cas9
HT-1080 DHODH KO	HT-1080 expressing pCW-Cas9-Blast	<i>hDHODH</i>	LentiGuide-Neo	caccGTGAGTTGATAAATCCCGGAG	Dox-inducible
HT-1080 FSP1 KO	HT-1080 expressing pCW-Cas9-Blast	<i>hFSP1</i>	pKLV-U6gRNA(BbsI)	caccGGTCTTTTTGGCGAACCCCTGgt	Dox-inducible
786-O DHODH KO	786-O expressing pCW-Cas9-Blast	<i>hDHODH</i>	LentiGuide-Neo	caccGCATCTTATAAAGTCCGTCCA	Dox-inducible
786-O FSP1 KO	786-O expressing pCW-Cas9-Blast	<i>hFSP1</i>	pKLV-U6gRNA(BbsI)	caccGGTCTTTTTGGCGAACCCCTGgt	Dox-inducible
MDA-MB-436 DHODH KO	MDA-MB-436 expressing lentiCas9-Blast	<i>hDHODH</i>	pLentiCRISPRv2_Neo	caccGCATCTTATAAAGTCCGTCCA	Stable
MDA-MB-436 FSP1 KO	MDA-MB-436 expressing lentiCas9-Blast	<i>hFSP1</i>	pKLV-U6gRNA(BbsI)	caccGGAGATGGGGTCCCAGGTCTgt	Stable
			pKLV-U6gRNA(BbsI)	caccGGTCTTTTTGGCGAACCCCTGgt	
A375 DHODH KO	A375	<i>hDHODH</i>	pLentiCRISPRv2_Neo	caccGCATCTTATAAAGTCCGTCCA	Stable
A375 FSP1 KO	A375	<i>hFSP1</i>	pLentiCRISPRv2_Puro	caccGTCCCGATTCCACCGAGACCT	Transient
			pLentiCRISPRv2_Blast	caccGTCTCCACGGAGGCTCGGAG	
Pfa1 Dhodh KO	Pfa1	<i>mDhodh</i>	pLentiCRISPRv2_Blast	caccGCCAACAGGGCGACTCACTG	Transient

Supplementary fig.1 Gel source images



Supplementary fig.1 (continued)

