The mass spectrometry proteomics data (.raw and .txt files) have been deposited to the ProteomeXchange Consortium via the PRIDE partner repository with the dataset identifiers: PXD011989 and PXD011990 (http://www.proteomexchange.org).

Orbi2288	mRNA targeting to the human ER	PXD011989
Sample 1-3	scr control siRNA	
Sample 4-6	P180 siRNA #1	
Sample 7-9	P180 siRNA #2	
Orbi2314	mRNA targeting to the human ER	PXD011990
Sample 1-3	scr control siRNA	
Sample 4-6	KTN1 siRNA #3	
Sample 7-9	KTN1 siRNA #4	
Orbi2314	ERJ1 experiment	PXD011990
Sample 1-3	scr control siRNA	
Sample 10-12	ERJ1 UTR siRNA #4	
Sample 13-15	ERJ1 siRNA #6	