Supplementary material for:

Mapping choline metabolites in normal and transformed cells

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SUPPLEMENTARY FIGURES

Fig. S1. M+0 and M+1 mass isotope fractions of methionine, sarcosine and 1-methylnicotinamide in cell extracts and spent media of the selected cell lines.

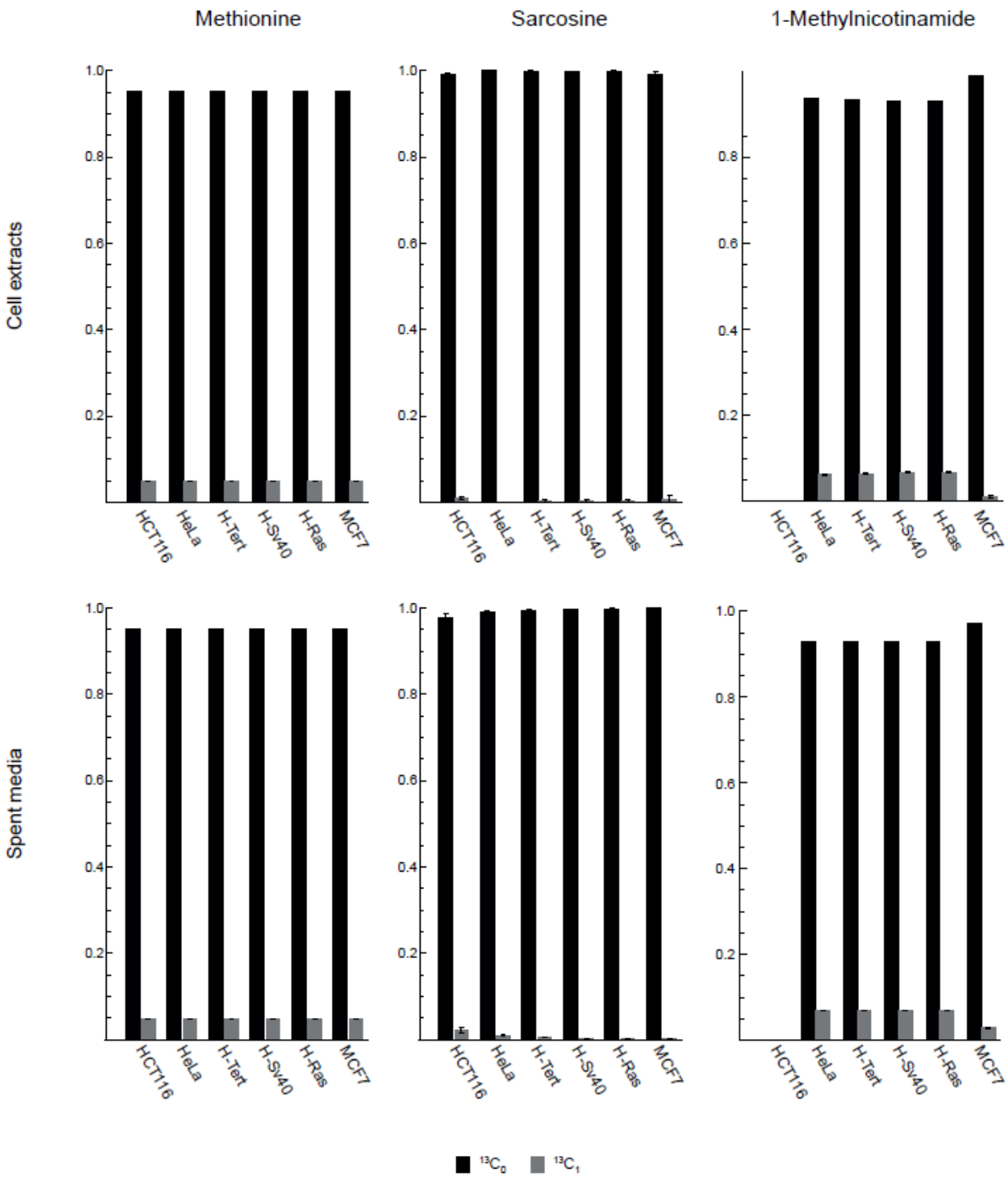
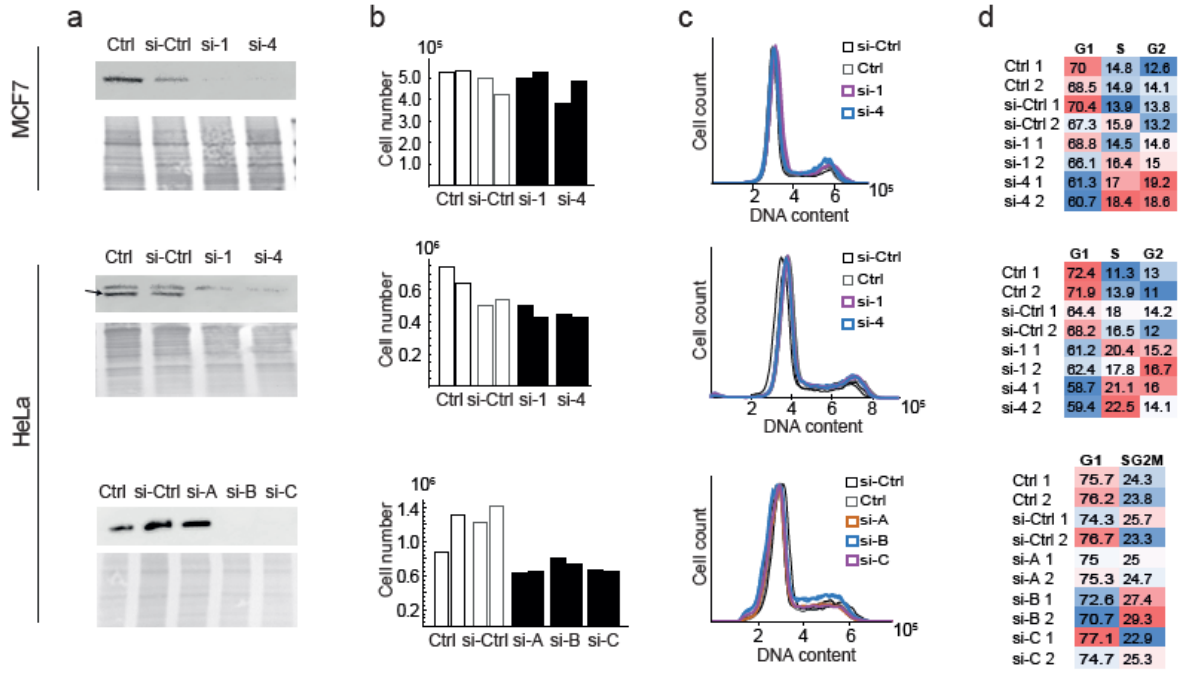


Fig. S2. a-d a) Protein expression, C) Cell number, D) Cell cycle distribution, E) Fraction of cell cycle phases in MCF7 and HeLa cells upon treatment with siRNA for CHDH.



	G1	S	G2
Ctrl 1	70	14.8	12.6
Ctrl 2	68.5	14.9	14.1
si-Ctrl 1	70.4	13.9	13.8
si-Ctrl 2	67.3	15.9	13.2
si-1 1	68.8	14.5	14.6
si-1 2	66.1	16.4	15
si-4 1	61.3	17	19.2
si-4 2	60.7	18.4	18.6

	G1	S	G2
Ctrl 1	72.4	11.3	13
Ctrl 2	71.9	13.9	11
si-Ctrl 1	64.4	18	14.2
si-Ctrl 2	68.2	16.5	12
si-1 1	61.2	20.4	15.2
si-1 2	62.4	17.8	16.7
si-4 1	58.7	21.1	16
si-4 2	59.4	22.5	14.1

	G1	SG2M
Ctrl 1	75.7	24.3
Ctrl 2	76.2	23.8
si-Ctrl 1	74.3	25.7
si-Ctrl 2	76.7	23.3
si-A 1	75	25
si-A 2	75.3	24.7
si-B 1	72.6	27.4
si-B 2	70.7	29.3
si-C 1	77.1	22.9
si-C 2	74.7	25.3