Table S2

Data for spot 3 showing identified sequence (highlighted in yellow) and a table showing identified peptides and associated ion statistics.

Modifications are shown in green: C, carbamidomethyl cysteine; M, oxidation; Q, deamidation. Note that not all cycteine residues are colored green although all have been converted to carboxymethyl amino cysteine. Modification of cysteine was defined in different Mascot searches as both a fixed and a variable modification in the database searching software. The result is that not all cysteine residues were color coded by the analysis software.

HB1133-WILD_TYPE-LRWT (100%), 34,050.4 Da
Leader-Removed with tag
38 exclusive unique peptides, 47 exclusive unique spectra, 160 total spectra, 239/298 amino acids (80% coverage)

METSCIFGLE RPWQQQPLPP QQSFSQQPPF SQQQQQPLPQ QPSFSQQQPP
FSQQQPILSQ QPPFSQQQQP VLPQQSPFSQ QQQLVLPPQQ QQQQLVQQQI
PIVQPSVLQQ LNPCKVFLQQ QCSPVAMPQR LARSQMWQQS SCHVMQQQCC
QQLQQIPEQS RYEAIRAIIY SIILQEQQQG FVQPQQQQPQ QSGQGVSQSQ
QQSQQQLGQC SFQQPQQQLG QQPQQQQQQQ VLQGTFLQPH QIAHLEAVTS
IALRTLPTMC SVNVPLYSAT TSVPFGVGTG VGAYHHHHHH DYKDDDDK

Peptide			Amino Acid		Peptide	Mascot				X! Tandem	Number of identified				+1H Peptide	Peptide
Sequence	Prior	Next	Probability	Ion Score	Identity Score	Delta ion Score	-log(e) score	+1H spectra	+2H spectra	+3H spectra	+4H spectra	Mass (AMU)	Start index
METSCIF	-	G	0,90	51,90	34,20	39,30		2				1837,83	1
GLERPWQQQPLPPQQSF	F	S	1,00				7,38		1			951,46	8
QQQPLPPQQSF	W	S	1,00	56,20	31,70	46,90			18			948,55	14
SQQQPILSQQPPFSQQQQPVLPQQSPF	F	S	1,00				3,14			1		2220,20	52
PPFSQQQQPVLPQQSPF	Q	S	1,00				2,62		1			2036,04	62
SQQQQPVLPQQSPF	F	S	1,00	55,70	32,10	13,90			2			1537,77	65
VLPPQQQQQ	L	Q	1,00				3,52		5			780,39	85
VLPPQQQQQQL	L	V	1,00				3,89		7	1		1835,76	85
VLPPQQQQQQLVQQQIPIVQPSVL	L	Q	1,00	45,30	26,90	4,30				1	2	1056,60	85
LVQQQIPIVQPSVL	Q	Q	1,00				3,96		1			1841,03	95
VQQQIPIVQPSVL	L	Q	1,00	74,60	32,00	49,10		1	12			1386,65	96
PIVQPSVL	I	Q	0,99				4,49	5				1655,84	101
VLQQLNPCKVF	S	L	1,00				5,26		1			1561,93	107
QQLNPCKVF	L	L	1,00	43,70	33,60	25,30		2	6			903,36	109
LQQQCSPVAMPQ	F	R	1,00				2,10		1			815,45	118
LQQQCSPVAMPQRL	F	A	1,00	75,60	31,30	49,70			2			852,52	118
QQSSCHVM	W	Q	0,93	43,50	34,50				1			1952,99	138
QQSSCHVMQQQ	W	C	1,00				2,70		1			1472,76	138
CCQQLQQIPEQSRY	Q	E	1,00				5,85		1			2274,22	149
QQIPEQSRY	L	E	1,00	58,50	32,90	42,20			7			1148,57	154
EAIRAIIY	Y	S	0,99	47,00	33,90	12,70			6			1133,58	163
EAIRAIIYSIILQEQQQGF	Y	V	1,00				15,00			1		1297,65	163
SIILQEQQQGF	Y	V	1,00	87,90	33,00	76,40		1	16			976,40	171
VQPQQQQPQ	F	Q	1,00				1,77		1			1360,57	182
VQPQQQQPQQSGQ	F	G	0,99				1,96		1			878,42	182
VQPQQQQPQQSGQGVSQSQQQSQQQL	F	G	1,00				6,62			2		1487,77	182
GQQPQQQQQQQVL	L	Q	1,00	69,00	31,70	49,90			2			1650,83	220
QGTFLQPHQIAHL	L	E	1,00				7,96		1			1290,67	233
QGTFLQPHQIAHLEAVTSIAL	L	R	1,00				2,50			1		3090,56	233
LQPHQIAHL	F	E	1,00				2,89		8			1611,81	237
LQPHQIAHLEAVTSIAL	F	R	1,00				2,46		3	1		1065,57	237
PHQIAHL	Q	E	0,90				2,96		2			1306,71	239
RTLPTMC	L	S	0,90				4,11	1				2736,54	254
RTLPTMCSVNVPL	L	Y	1,00	61,30	32,90	49,00			12			1345,73	254
RTLPTMCSVNVPLY	L	S	1,00				2,57		2			1080,54	254
CSVNVPLY	M	S	0,99	36,20	33,70	25,90		1				1480,71	260
GVGTGVGAY	F	H	0,98	47,20	34,60	5,87		1				2907,39	276
HHHHHHDYKDDDDK	Y	-	1,00	73,30	31,60	58,20				6		1448,85	285