

Supplemental Table S2:

Sample	Purpose	Condition/ number	Technical replicate	Raw file name
JY cell line	Precision	1 (day 0)	1	JY_repeatability_1_1
JY cell line	Precision	1 (day 0)	2	JY_repeatability_1_2
JY cell line	Precision	1 (day 0)	3	JY_repeatability_1_3
JY cell line	Precision	2 (day 0)	1	JY_repeatability_2_1
JY cell line	Precision	2 (day 0)	2	JY_repeatability_2_2
JY cell line	Precision	2 (day 0)	3	JY_repeatability_2_3
JY cell line	Precision	3 (day 0)	1	JY_repeatability_3_1
JY cell line	Precision	3 (day 0)	2	JY_repeatability_3_2
JY cell line	Precision	3 (day 0)	3	JY_repeatability_3_3
JY cell line	Precision	1 (day 7)	1	JY_intermediate_precision_1_1
JY cell line	Precision	1 (day 7)	2	JY_intermediate_precision_1_2
JY cell line	Precision	1 (day 7)	3	JY_intermediate_precision_1_3
JY cell line	Precision	2 (day 7)	1	JY_intermediate_precision_2_1
JY cell line	Precision	2 (day 7)	2	JY_intermediate_precision_2_2
JY cell line	Precision	2 (day 7)	3	JY_intermediate_precision_2_3
JY cell line	Precision	3 (day 7)	1	JY_intermediate_precision_3_1
JY cell line	Precision	3 (day 7)	2	JY_intermediate_precision_3_2
JY cell line	Precision	3 (day 7)	3	JY_intermediate_precision_3_3
JY cell line	LOD, specificity, accuracy	spiked 0.1 fmol synthetic peptides	1	JY_100amol_1_1
JY cell line	LOD, specificity, accuracy	spiked 0.1 fmol synthetic peptides	2	JY_100amol_1_2
JY cell line	LOD, specificity, accuracy	spiked 0.1 fmol synthetic peptides	3	JY_100amol_1_3
JY cell line	LOD, specificity, accuracy	spiked 1 fmol synthetic peptides	1	JY_1fmol_1_1
JY cell line	LOD, specificity, accuracy	spiked 1 fmol synthetic peptides	2	JY_1fmol_1_2

Sample	Purpose	Condition/ number	Technical replicate	Raw file name
JY cell line	LOD, specificity, accuracy	spiked 1 fmol synthetic peptides	3	JY_1fmol_1_3
JY cell line	LOD, specificity, accuracy	spiked 10 fmol synthetic peptides	1	JY_10fmol_1_1
JY cell line	LOD, specificity, accuracy	spiked 10 fmol synthetic peptides	2	JY_10fmol_1_2
JY cell line	LOD, specificity, accuracy	spiked 10 fmol synthetic peptides	3	JY_10fmol_1_3
JY cell line	LOD, specificity, accuracy	spiked 100 fmol synthetic peptides	1	JY_100fmol_1_1
JY cell line	LOD, specificity, accuracy	spiked 100 fmol synthetic peptides	2	JY_100fmol_1_2
JY cell line	LOD, specificity, accuracy	spiked 100 fmol synthetic peptides	3	JY_100fmol_1_3
PBMC	Robustness	1	1	
PBMC	Robustness	1	2	
PBMC	Robustness	1	3	
CLL	Robustness	1	1	
CLL	Robustness	1	2	
CLL	Robustness	1	3	
BC	Robustness	1	1	
BC	Robustness	1	2	
BC	Robustness	1	3	
JY cell line	Precision, accuracy (LTQ Orbitrap XL)	1 (day 0)	1	
JY cell line	Precision, accuracy (LTQ Orbitrap XL)	1 (day 0)	2	
JY cell line	Precision, accuracy (LTQ Orbitrap XL)	1 (day 0)	3	
JY cell line	Specificity, accuracy (LTQ Orbitrap XL)	spiked 500 fmol synthetic peptides	1	