

- 1. Select TKO standard and upload RAW file
- 2. Email notification
- 3. Viewer homepage
- 4. Settings/advanced configuration
- **5.** Assess interference with TKO proteins
- 6. Check CVs of known unchanging proteins
- 7. Instrument performance statistics
- 8. Performance comparison across standards

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1. Select TKO standard and upload RAW file



2. Email notification





4. Settings/advanced configuration

Home	TKO Proteins 🗸	Unchanging Proteins 🗸	Instrument Performance -	Settings / Help +	Admin
			2 RAW: ea07033.raw Unfiltered Statistics: Total Proteins: 1439 Total Peptides: 5625 Data loaded success	Settings Help	

Select TMT summed signal-to-noise threshold		
Filter Settings:	Sum Signal Cut Off:	
	200	Click to Confirm
Select isolation so	pecificity (isolation pur	ity threshold)

Protein Choices:	Define your own lists TKO protein
TKO Proteins:	Unchanging Proteins:
KO Protein 1:	Unchanging Protein 1:
MET6	▼ GLN4 ▼
KO Protein 2:	Unchanging Protein 2:
PFK2	▼ FRS2 ▼
KO Protein 3:	Unchanging Protein 3:
URA2	▼ SCP160 ▼
	Click To Update Proteins

5. Assess interference with TKO proteins



6. Check CVs of known unchanging proteins







CV graph of all peptides

7. Instrument performance statistics



8. Performance comparison across standards

Home	TKO Proteins 👻	Unchanging Proteins -	Instrument Performance +	Settings / Help +	Admin
			Performance Stats Performance Comparison NAW . each 035.1 aw Unfiltered Statistics Total Proteins: 1439 Total Peptides: 5625 Data loaded success	: 5 fully!	
To compare comma sep These sear	Perfo e this run (Current) ag parated. ch ids (SIDs) can be fo	rmance Comp gainst others, put up to 9 oth	er search ids into the box below,		
Search ID(s) to 2236 Confir WARNING: Or unresponsive. Please wait for	Search ID(s) to compare: 2236 Confirm WARNING: Once 'Confirm' is pressed, the application will take up to a minute per search id to fetch data and will be urresponsive. Please wait for the graphs to load before manipulating other data.				

Unfil	ltere	1 Stat	tistics

	2252(Current)	2236
Total Proteins	1439	1253
Total Peptides	5625	4324

IFI Comparison:

Gene Symbol:	2252(Current)	2236
MET6	0.842 +/- 0.066	0.108 +/- 0.427
PFK2	0.923 +/- 0.079	-9.287 +/- 15.446
URA2	0.765 +/- 0.226	0.775 +/- 0.144
Total TKO	0.809 +/- 0.198	-0.712 +/- 5.776

Number of TKO Peptides:

Gene Symbol:	2252(Current)	2236
MET6	7	6
PFK2	11	3
URA2	34	14
Total TKO	52	23

Peak Width:



	2252(Current)	2236
Mean	0.56	1.32
Median	0.51	1.15
SD	0.30	0.84
XMax	6.55	17.11
XMin	0.10	0.06
Total:	5367.00	4134.00