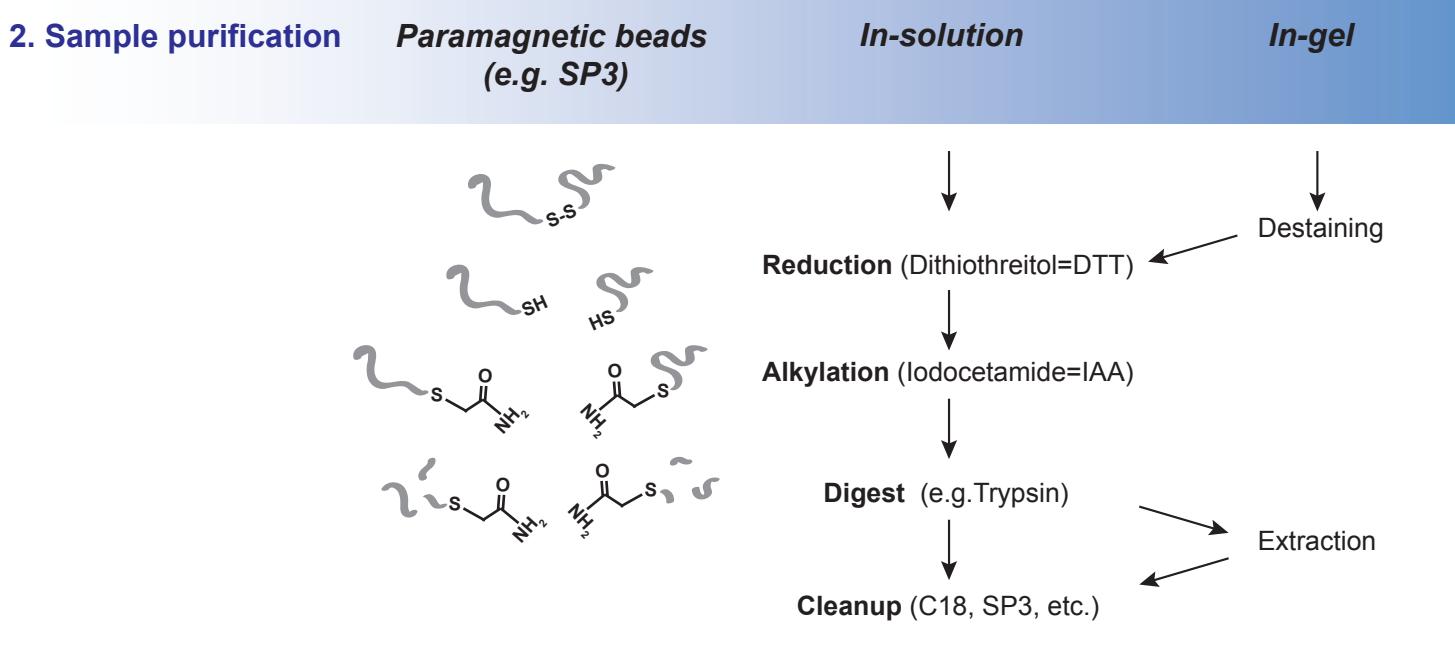


1. Sample preparation	<i>Qualitative</i>	<i>Relative Quantification</i>	<i>Absolute Quantification</i>
	Protein identification	Metabolic labelling (SILAC)	
	Protein modifications	Chemical labelling (TMT)	comparison to a labelled peptide standard during mass spec (step 3)
	Kinase Assays	Unlabelled	
	Immunoprecipitation		
	Crosslinking/ Interaction studies		



3. Data analysis	<i>Variables</i>
	Mass spectrometer (LTQ Orbitrap, Q-Exactive, LTQ Velos, etc.)
	Chromatography, column length, ion source, length of run, mass analyser
	<i>Software</i>
	(MASCOT, MaxQuant, Proteome Discoverer, etc.)
	<i>Parameters (to set):</i>
	Correct Database
	Known modifications (reduction, alkylation)
	Sequence modifications (tags, mutations)
	Crosslinking parameters
	<i>Parameters (data analysis):</i>
	Intensity, Peptide count, Coverage
	Statistical significance
	Normal distribution (proteomic data)
	Correlation (Biological replicates)