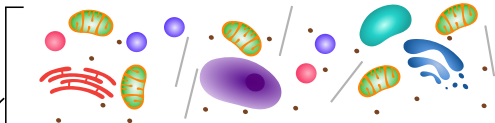


Cell lysis

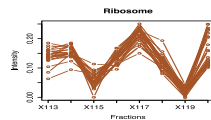
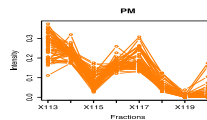
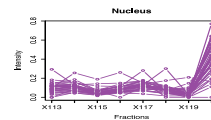
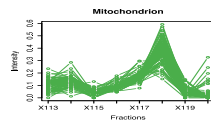
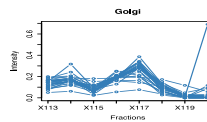
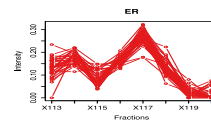


Fractionation/centrifugation

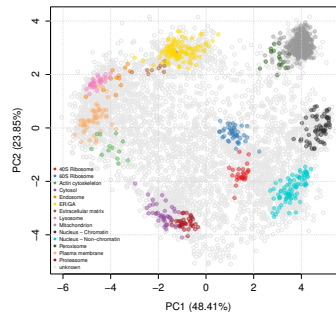
Quantitation/identification

Mass-spectrometry

	Fraction ₁	Fraction ₂	...	Fraction _m	markers	
prot ₁	q _{1,1}	q _{1,2}	...	q _{1,m}	unknown	...
prot ₂	q _{2,1}	q _{2,2}	...	q _{2,m}	organelle ₁	...
prot ₃	q _{3,1}	q _{3,2}	...	q _{3,m}	unknown	...
prot ₄	q _{4,1}	q _{4,2}	...	q _{4,m}	organelle ₂	...
⋮	⋮	⋮	⋮	⋮	⋮	⋮
prot _i	q _{i,1}	q _{i,2}	...	q _{i,m}	organelle _k	...
⋮	⋮	⋮	⋮	⋮	⋮	⋮
prot _n	q _{n,1}	q _{n,2}	...	q _{n,m}	unknown	...



Input training data



SVM classification

