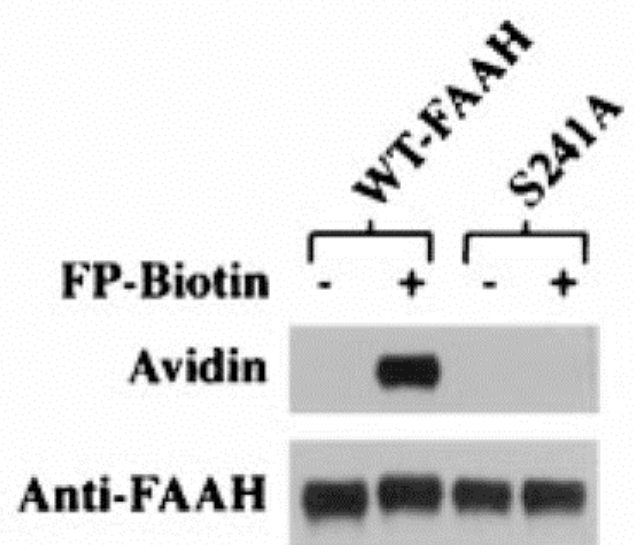
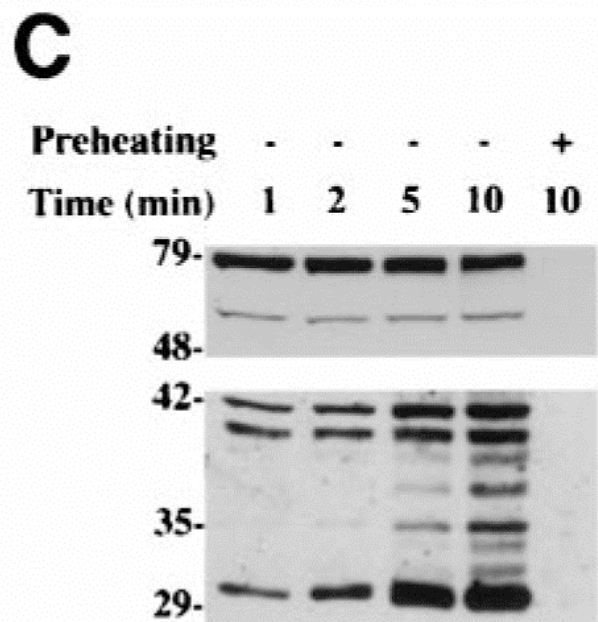
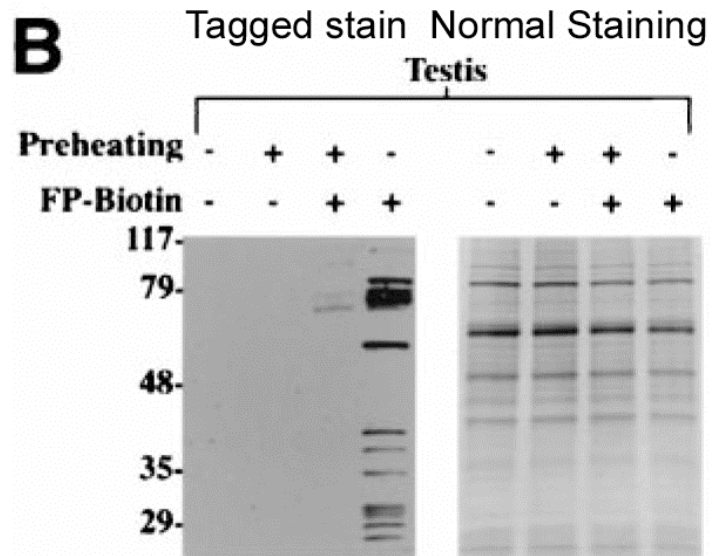
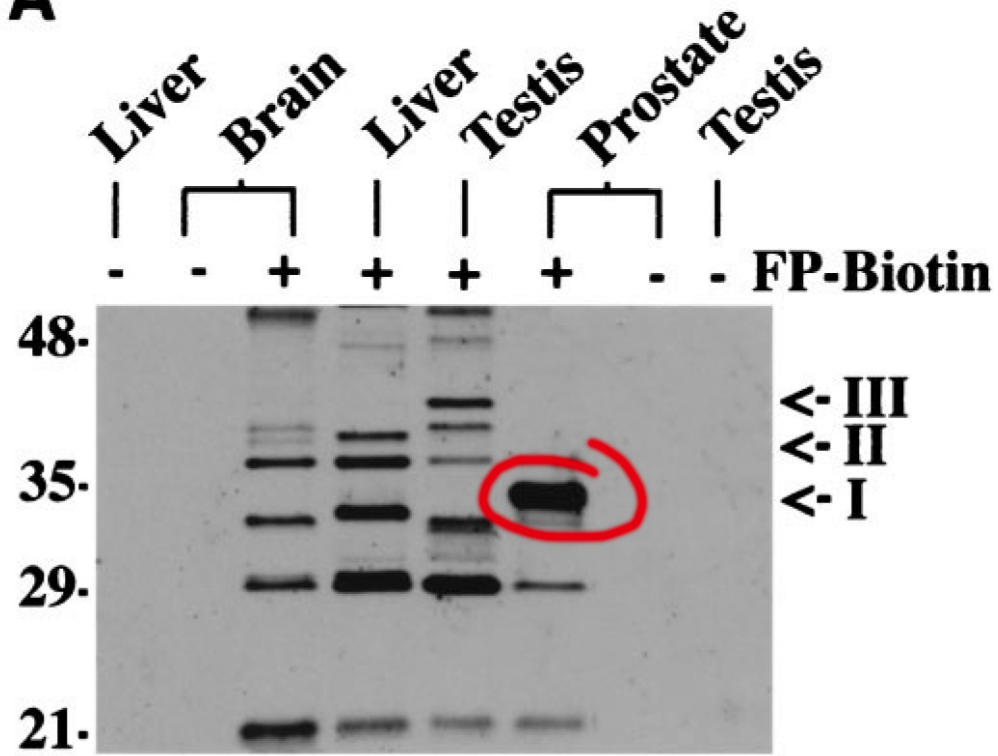


A

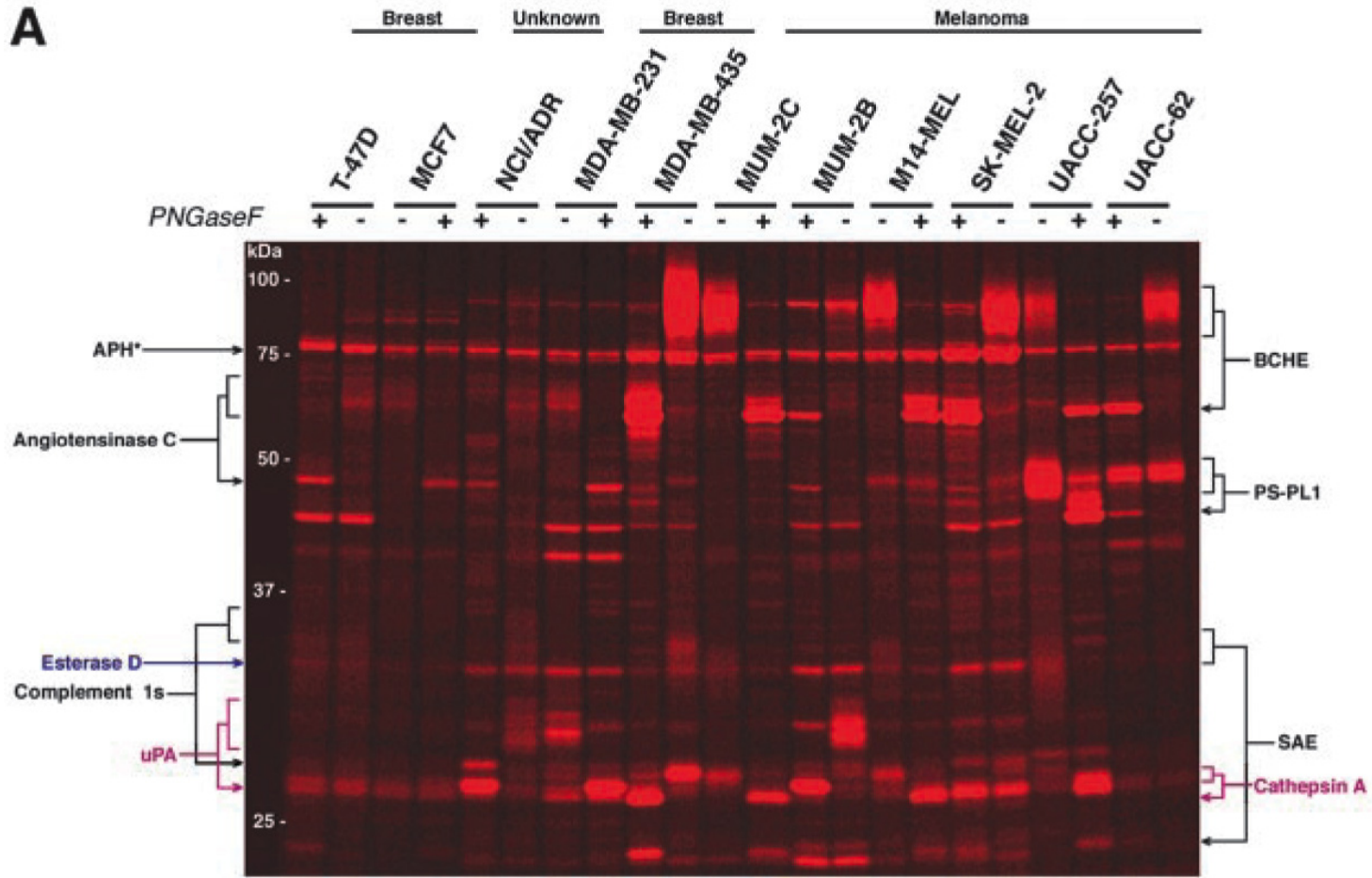




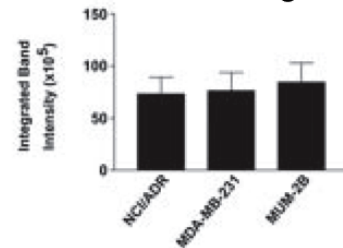
A



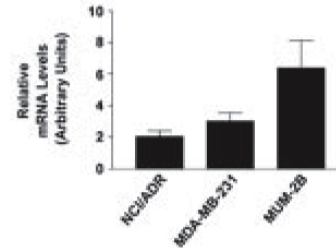
A

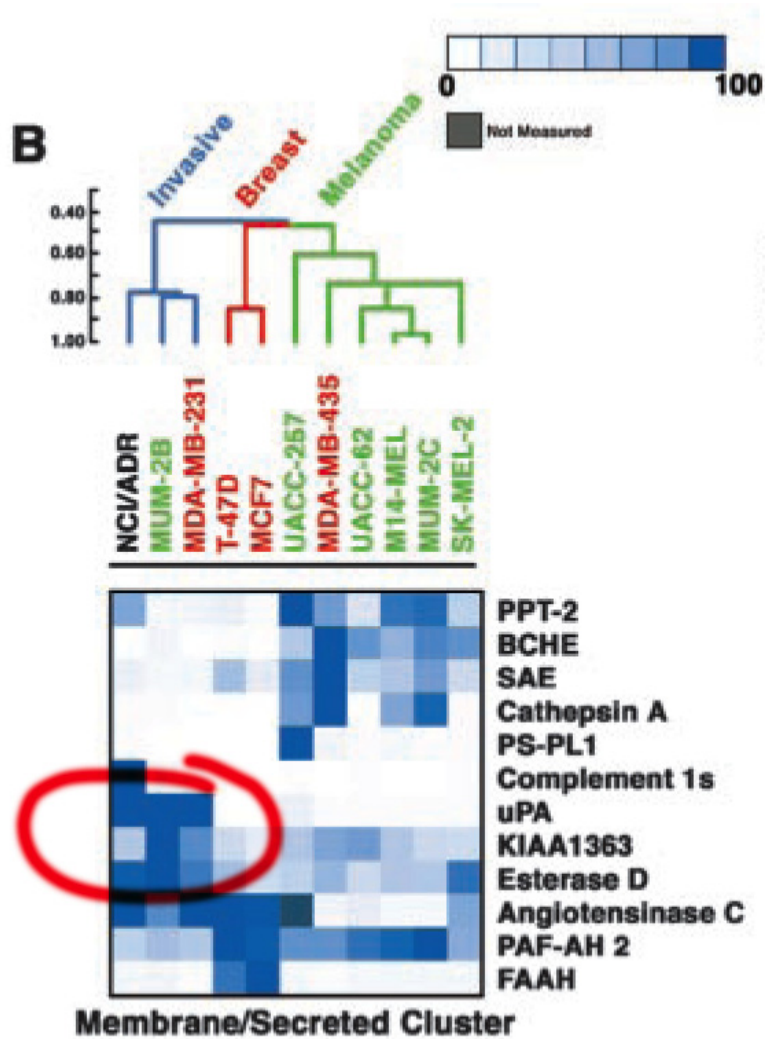


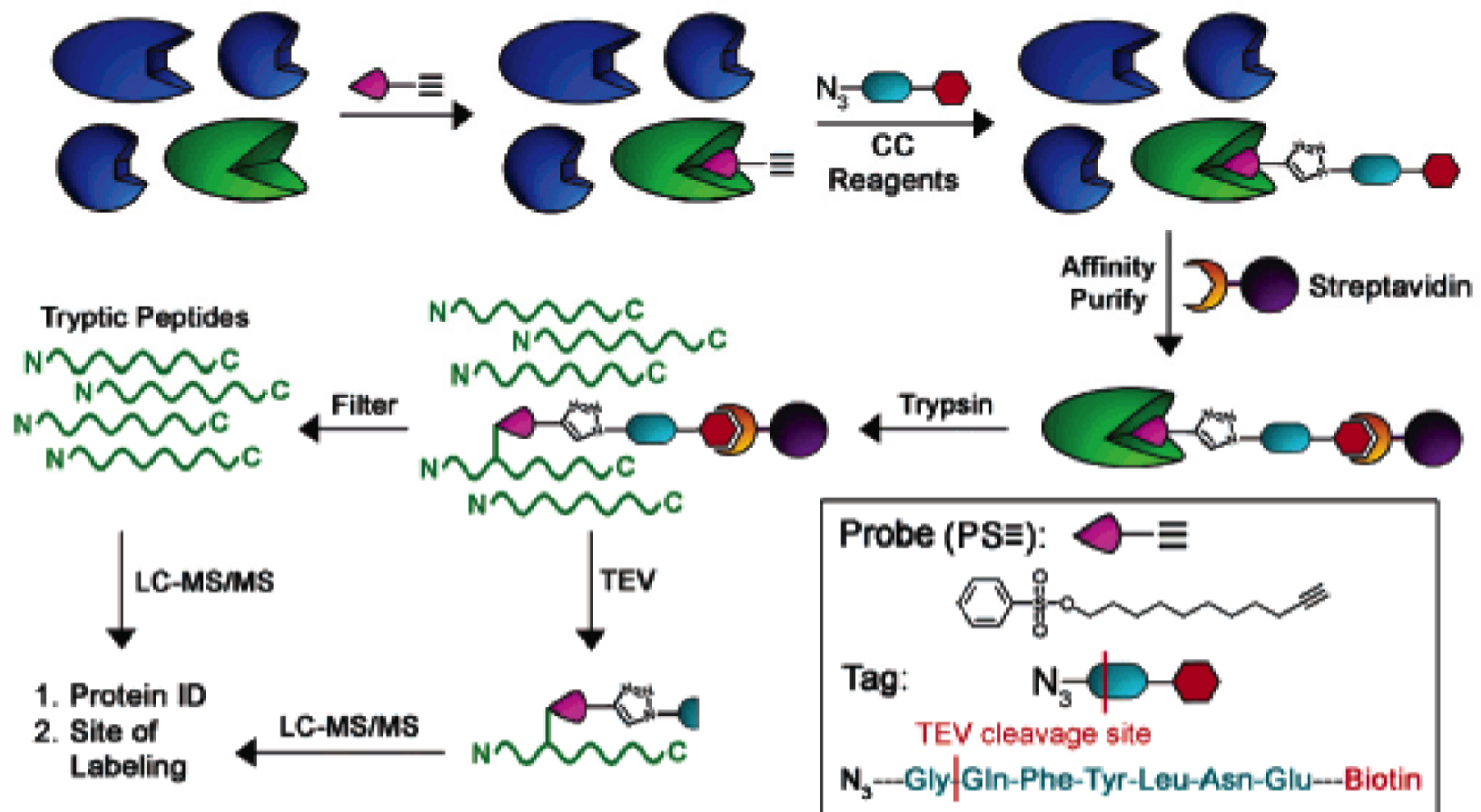
band staining



mRNA levels







Predicted Sites of Labeling for Select Enzymes^a

enzyme	labeled peptide	site(s) of labeling	catalytic residue	active site residue	tryp digest % coverage
ECH1	K.EVDMGLAAD*VGTLQR.L	D204	yes	yes	69
VLCAD	R.IFE*GANDILR.L	E463	yes	yes	36
	K.ELGAFGLQVPSELGGLGLSNTQ Y*AR.L	Y161	no	yes	
LCAD	K.GFYLMQELPQE*R.L	E291	yes	yes	62
MCAD	K.IYQIY*E*GTAQIQR.L	Y400/E401	yes (E)	yes	42
ALDH6	R.C*MALSTAILVGEAK.K	C317	yes	yes	48
Thiolase	K.DGGQYALVAAC*AAGGQGHAM IVEAYPK.-	C459	yes	yes	42
QR2	K.VLAPQISFGLD*VSSEEER.K	D194	no	yes	29
Isocitrate DH (m)	K.SSGGFVWAC*K.N	C308	no	yes	46
Isocitrate DH (c)	K.SEGGFIWAC*K.N	C269	no	yes	15
His triad protein	R.ISQAEE*DD*QQLLGHLLLVAK.K	E105/D107	unknown	unknown	31
LOC67914	R.AVLAGIY*NTTE*LVMMDSSPD FEDTWR.F	Y246/E250	unknown	unknown	13

^a Predicted sites of probe labeling are indicated with an asterisk (*). In cases where Sequest did not unambiguously distinguish between two potential sites, both are given.

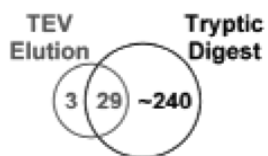
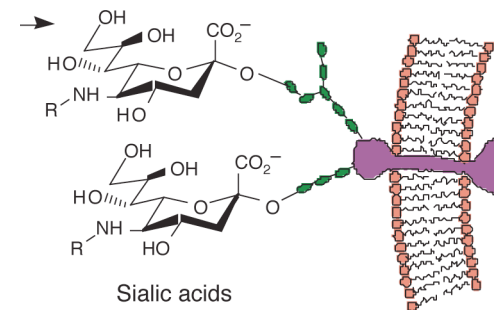
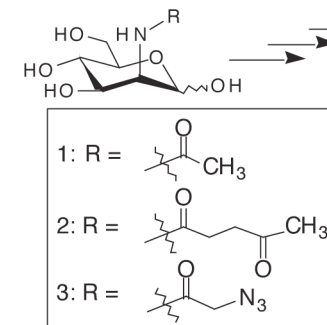
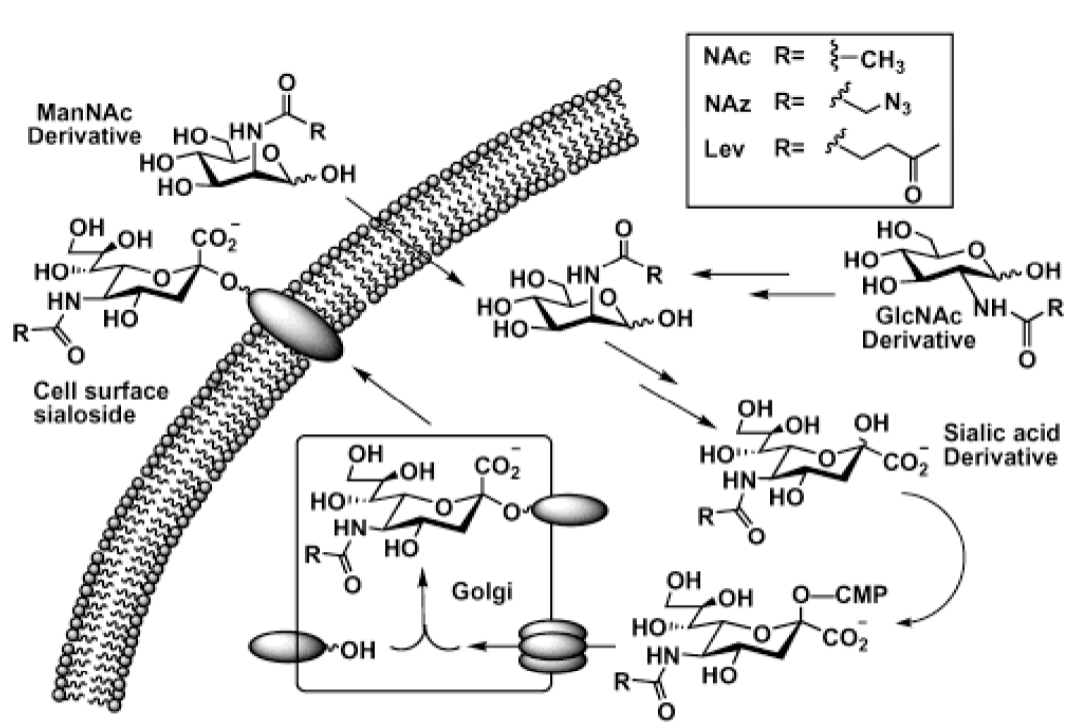
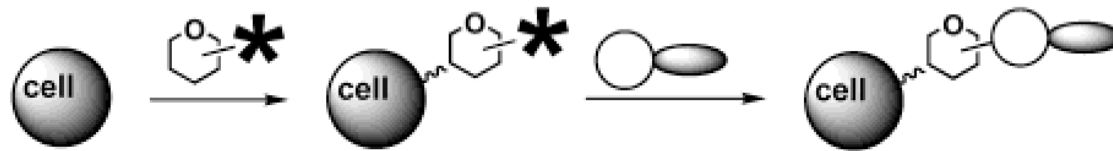
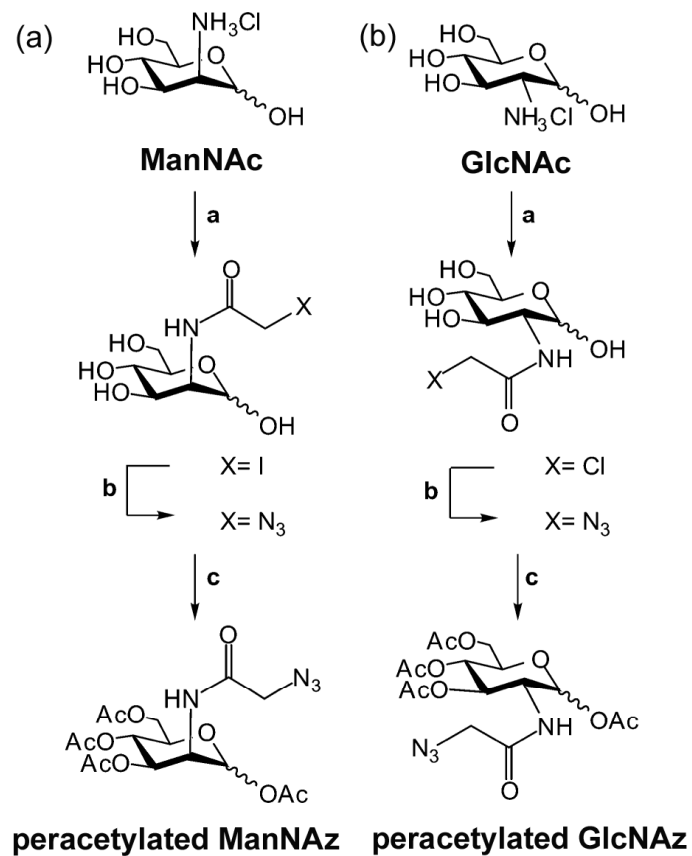


Figure. Proteins identified by TOP-ABPP. Proteins found only in TEV and tryptic digests were regarded as false assignments and background, respectively.





^a (a) NaOMe, iodoacetic anhydride, MeOH. (b) NaN₃, MeOH. (c) Ac₂O, pyridine. ^b(a) NaOMe, chloroacetic anhydride, MeOH. (b) LiN₃, DMF. (c) Ac₂O, pyridine.

