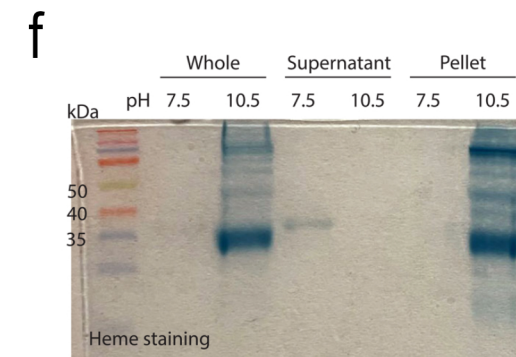
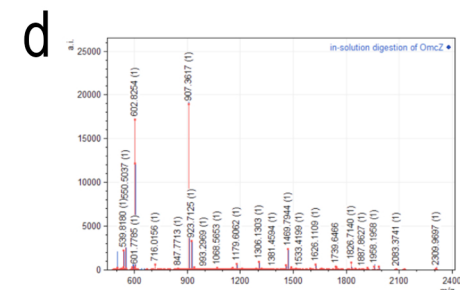


**c**

Sequence	Coverage
OmcZ <sub>L</sub>	38.5%
OmcZ <sub>S</sub>	57.8%
GSU1334	14.7%



e

Sequence - OmcZ-s

Accession	Length	Mo. Mass	Av. Mass	Coverage	Matched Int.		
	258	28649.2196	28667.4468	57.8 %	1.0 %		
AVPPPPVNOF	LGIVDTKFPN	LTAKDCLCH	VSDTVLVQOH	HALINTVTPP	ASCINTSGTV	PPTLATGCHV	MVPDGSGGFT
EQDFRNC	FNC	HTQTPHHTSP	AAVAKDCKYC	HGNFIDNPLD	GHIYPTYSAS	SVTPMPSGRS	VTATDGNVVI
APNAIDPKTN	TVRPIFSNQD	THHGTGITDC	NLCHNTSSNV	PIRQCEVCHG	VNSLHNIQKD	SPNAANLGTV	KPGLEDLGMG
HIGNWDCQG	CHWSMFGN						

Position	Modification	Type	Mo. Mass	Av. Mass	Formula
All C	Carbamidomethyl	fixed	57.0215	57.0514	CH <sub>2</sub> CONH <sub>2</sub> - H
All M	Oxidation	variable	15.9949	15.9994	O
All W	Oxidation	variable	15.9949	15.9994	O

Meas. m/z	Calc. m/z	δ (Da)	δ (ppm)	Ref. Int. (%)	z	Annotation	Formula
585.1580	585.2337	-0.0757	-129.4	0.09	1	[106-109] k.DCKY.c [1xCarbamidomethyl]	C24H36N6O9S
671.3691	671.4087	-0.0395	-58.9	0.18	1	[228-234] I.GTVKPGLe	C30H54N8O9
707.4091	707.3393	0.0698	98.7	0.04	1	[22-27] I.TKADCL.e [1xCarbamidomethyl]	C28H50N8O11S
797.3179	797.3689	-0.0510	-63.9	0.01	1	[240-246] w.GHIGNNW.d	C35H48N12O10
797.3179	797.3035	0.0144	18.1	0.01	1	[109-114] k.YCHGNF.I [1xCarbamidomethyl]	C35H44N10O10S
797.3834	797.3689	0.0145	18.2	0.01	1	[240-246] w.GHIGNNW.d	C35H48N12O10
797.3834	797.3035	0.0799	100.2	0.01	1	[109-114] k.YCHGNF.I [1xCarbamidomethyl]	C35H44N10O10S
801.2911	801.3737	-0.0826	-103.1	0.04	1	[220-227] k.DSPNAANL.g	C32H52N10O14
834.3700	834.4356	-0.0656	-78.7	0.02	1	[15-21] y.DTKFPLN.t	C38H58N9O12
962.4421	962.3243	0.1178	122.4	0.13	1	[247-253] w.DCQGHWS [2xCarbamidomethyl]	C38H51N13O13S2
965.4958	965.4363	0.0595	61.6	0.08	1	[120-127] I.DGHIPTYS	C45H60N10O14
1040.5002	1040.4697	0.0305	29.3	0.06	1	[238-246] I.GWGHIGNNW.d	C48H61N15O12
1043.4475	1043.4793	-0.0317	-30.4	0.04	1	[115-123] I.IDNPLDGHY.I	C46H66N12O16
1056.4672	1056.4646	0.0026	2.4	0.03	1	[238-246] I.GWGHIGNNW.d [1xOxidation]	C48H61N15O13
1059.5734	1059.4775	0.0959	90.5	0.07	1	[28-36] I.ECHVSDTVL.v [1xCarbamidomethyl]	C43H70N12O17S
1065.5388	1065.5728	-0.0340	-31.9	0.32	1	[1-10] .AVPPPPVNOF.I	C51H76N12O13
1176.7176	1176.5677	0.1499	127.4	0.08	1	[128-139] y.SASSVTPMPSGR.s	C47H81N15O18S
1178.6168	1178.6568	-0.0400	-33.9	0.04	1	[1-11] .AVPPPPVNOF.L.g	C57H87N13O14
1186.6073	1186.5310	0.0763	64.3	0.16	1	[110-119] y.CHGNFIDNPL.d [1xCarbamidomethyl]	C51H75N15O16S
1192.5826	1192.5627	0.0199	16.7	0.13	1	[128-139] y.SASSVTPMPSGR.s [1xOxidation]	C47H81N15O19S
1284.5285	1284.6113	-0.0828	-64.5	0.08	1	[193-203] I.CHNTSSNPVR.q [1xCarbamidomethyl]	C51H85N19O18S
1453.7202	1453.7845	-0.0443	-30.5	0.02	1	[220-234] k.DSPNAANL.GTVKPGLe	C62H104N18O22
1650.7423	1650.8156	-0.0733	-44.4	0.01	1	[124-139] y.IPTYSASSVTPMPSGR.s	C71H115N19O24S
1650.7946	1650.8156	-0.0210	-12.7	0.01	1	[124-139] y.IPTYSASSVTPMPSGR.s	C71H115N19O24S
1739.6466	1739.7516	-0.1050	-60.3	1.85	1	[65-81] I.ATGCHVMVPDGSGGFTF.q [1xCarbamidomethyl]	C75H110N20O24S2
1740.5946	1740.6754	-0.0808	-46.4	0.39	1	[240-253] w.GHIGNNWDCQGHWS [2xCarbamidomethyl]	C73H97N25O22S2
1755.6015	1755.7465	-0.1450	-82.6	0.05	1	[65-81] I.ATGCHVMVPDGSGGFTF.q [1xCarbamidomethyl; 1xOxidation]	C75H110N20O25S2
1756.5444	1756.6703	-0.1259	-71.7	0.06	1	[240-253] w.GHIGNNWDCQGHWS [2xCarbamidomethyl; 1xOxidation]	C73H97N25O23S2
1769.8190	1769.7508	0.0682	38.6	0.01	1	[177-192] I.SNQDTHHGTGIDCNL.c [1xCarbamidomethyl]	C69H108N24O29S
1873.0927	1872.9021	0.1906	101.8	0.02	1	[28-43] I.ECHVSDTVLVQQHIAL.I [1xCarbamidomethyl]	C79H125N25O26S

