

	cov	pid	1	:	80
1 SgMet	100.0%	100.0%	-----		
2 LmMet	98.1%	84.5%	-----		
3 BgMet	51.3%	27.5%	-----		
4 PkMet	84.3%	16.3%	-----MGWHTATATAPPSTGIAFSSGNSRSRSHSHGHNNNG		
5 TcMet	45.3%	19.7%	-----		
6 HaMet	42.5%	14.0%	-----		
7 DmMet	58.5%	17.5%	-----		
8 DmGCE	63.1%	13.8%	MEGASRSRNSSTSHSQGRGQDIEDLKQDIPYFDEPPALDADLLVLGKSECQLDELAWDRDADGDADAPLETAPAVDLEED		
9 AaMet	72.5%	17.6%	-----		
10 DmaMet	64.2%	15.9%	-----		

	cov	pid	81	1	:	160
1 SgMet	100.0%	100.0%	-----			
2 LmMet	98.1%	84.5%	-----			-----MIS
3 BgMet	51.3%	27.5%	-----			-----AETDEAEVLG
4 PkMet	84.3%	16.3%	GSAARSTSSMYTSYGGASGYPSMATTAEVGLAAMGRITDSASATAYRMTPSLQALPPPPSPSSSTTSSSSPLMYPPVT			
5 TcMet	45.3%	19.7%	-----			
6 HaMet	42.5%	14.0%	-----			-----MTSSGGASTHLGMHSAMASQIGLGAPPNEFGLSVGV
7 DmMet	58.5%	17.5%	-----			-----MA
8 DmGCE	63.1%	13.8%	NYPDENESSVLGSDYAPSGSGSGANSFYQSPTPSATGSGCDLMLRPPSNSMYHFNYRSPGSPMPVAPGVTSRGLHPYAH			
9 AaMet	72.5%	17.6%	-----			-----MQRSGPSSVATTT
10 DmaMet	64.2%	15.9%	-----			

	cov	pid	161	2	:	240
1 SgMet	100.0%	100.0%	-----			
2 LmMet	98.1%	84.5%	WEHYVP-----PPPPD-----VYHELCPV-----			
3 BgMet	51.3%	27.5%	ADEVSE-----NTAPT-----TTTSANQVQQQQSQPQQQL-----			
4 PkMet	84.3%	16.3%	SPHDYNHHLRNPYGYIDCRATAAVAAAAAAN-----MPQSSSSLYMAHNEYPPMTAN-----			
5 TcMet	45.3%	19.7%	-MDSGD-----CETEED-----SAPEACVSPGSLPSN-----			
6 HaMet	42.5%	14.0%	APTMGY-----DIQATHSGD-----SSSDSHSPGMTAKASD-----			
7 DmMet	58.5%	17.5%	APETGN-----TGSTGSAGSTG-----SGSGSGSGSGSSDPAN-----			
8 DmGCE	63.1%	13.8%	SPAHGNNPPGFYPNMWYPNAPYGSAGAAGSAGGAVSGGRYMGYGGVPGGTNSGPGAGPGAMQAAYPGHSAHMHALHHQY			
9 AaMet	72.5%	17.6%	ATEPGE-----KLDASTSAG-----NNSASKYDCEDSKAAACKILN-----			
10 DmaMet	64.2%	15.9%	-----			-----MDKMSSETLPSS-----

	cov	pid	241	bHLH	320
1 SgMet	100.0%	100.0%	-----	-----	-----
2 LmMet	98.1%	84.5%	-----	-----	-----
3 BgMet	51.3%	27.5%	-----	-----	-----
4 PkMet	84.3%	16.3%	-----	-----	-----
5 TcMet	45.3%	19.7%	-----	-----	-----
6 HaMet	42.5%	14.0%	-----	-----	-----
7 DmMet	58.5%	17.5%	-----	-----	-----
8 DmGCE	63.1%	13.8%	PQPHPHAHHPQHHPHSPHPHHPHETMMEMFQLSNSGREARNRAEKNRDKNQSGIQEISTMVPHVAESPRRVOKTAVL	-----	-----
9 AaMet	72.5%	17.6%	-----	-----	-----
10 DmaMet	64.2%	15.9%	-----	-----	-----

	cov	pid	321	bHLH	PAS	400
1 SgMet	100.0%	100.0%	-----	-----	-----	-----
2 LmMet	98.1%	84.5%	-----	-----	-----	-----
3 BgMet	51.3%	27.5%	-----	-----	-----	-----
4 PkMet	84.3%	16.3%	-----	-----	-----	-----
5 TcMet	45.3%	19.7%	-----	-----	-----	-----
6 HaMet	42.5%	14.0%	-----	-----	-----	-----
7 DmMet	58.5%	17.5%	-----	-----	-----	-----
8 DmGCE	63.1%	13.8%	-----	-----	-----	-----
9 AaMet	72.5%	17.6%	-----	-----	-----	-----
10 DmaMet	64.2%	15.9%	-----	-----	-----	-----

	cov	pid	401	PAS	480
1 SgMet	100.0%	100.0%	-----	-----	-----
2 LmMet	98.1%	84.5%	-----	-----	-----
3 BgMet	51.3%	27.5%	-----	-----	-----
4 PkMet	84.3%	16.3%	-----	-----	-----
5 TcMet	45.3%	19.7%	-----	-----	-----
6 HaMet	42.5%	14.0%	-----	-----	-----
7 DmMet	58.5%	17.5%	-----	-----	-----
8 DmGCE	63.1%	13.8%	-----	-----	-----
9 AaMet	72.5%	17.6%	-----	-----	-----
10 DmaMet	64.2%	15.9%	-----	-----	-----

		cov	pid	481	5	560
1	SgMet	100.0%	100.0%	R P C T S A S T S V G S S D G R A G L G G L F G S A G A A E H H R S F Y I L A Q R A G R A A C S G S A T A G A G G G G G G G G G A A C Q G		
2	LmMet	98.1%	84.5%	R P C T S A S T S V G S S D G R T P G G P F G S A G A E H L R R S F Y I L A Q R A G R A A S S A S G T G G S S G G G S G G G G S V G V A C Q G		
3	BgMet	51.3%	27.5%	H Q Q S A P S S T S T A V A V P E A P S E P L R R R S F Y L R L S Q A V S R S		
4	PkMet	84.3%	16.3%	CT L V E R R R S F C L R R H R C L A R S E Q P		
5	TcMet	45.3%	19.7%	D W K K C F N I R K R A G P R T E S A		
6	HaMet	42.5%	14.0%	S C D S R L F E H H N F H I R M M R A G A R S D P A		
7	DmMet	58.5%	17.5%	Q G E A D D D E D H P Y N R R T P S P R M A H L A T I D D R L R M D R R C F T V R L A R A S T R A E I T R		
8	DmGCE	63.1%	13.8%	R S K A E E D A I D R K L R E D R R S F R V R L A R A G P R S E P T		
9	AaMet	72.5%	17.6%	Q R K S Q D E E D E I D R K L R Q D R R K F T L R I A R A G P R S E P T		
10	DmaMet	64.2%	15.9%	A D G Q V S F E C R L A G R Q L S R G E P T		
		cov	pid	561	6	640
1	SgMet	100.0%	100.0%	A E Q T T Y E L V H F L G Y Q V R S H E P P P A T H R R R H R D T V P S S N S D N V		
2	LmMet	98.1%	84.5%	A E Q T T Y E L V H F L G Y Q V R S H P P P A T H R R R H R D T V P S S N S D N V		
3	BgMet	51.3%	27.5%	E T T Q Y E L V H L G H L R V P Q R P N P G S Q S R T R R Q R E G S S T G S S A D S D T V		
4	PkMet	84.3%	16.3%	Q Y E P M H L N G F R V E K K Y T C Q A Q K S R K C K G E M T A T N S N E I L		
5	TcMet	45.3%	19.7%	V Y E P R I M G V H R P G F D N D C N K N T S T S		
6	HaMet	42.5%	14.0%	R Y E R C R I D G I R R S D K A T S N G V Q D E Q I I R R R V R T N R T F S S S G N D V V		
7	DmMet	58.5%	17.5%	H Y E R K I D G C F R R S D S L T G G A A N Y I V S Q L I R R S R N N M L A A A A A V A A E A A T V P P Q H D A I A Q A A L H G T S G N D I V		
8	DmGCE	63.1%	13.8%	A Y E V K I D G C F R R S D E A P R G V R S N F S S N L Q L I R R T R G R D D V I P L H T I S G N D I I		
9	AaMet	72.5%	17.6%	A Y E L V T I D G F F R R A D A A P R G E R P S G S G L Q L L R R A R G R D D G I T L Q S I N G N D I V		
10	DmaMet	64.2%	15.9%	V Y E R V S V G T F R G R R R R D W A D L K S S D R S V A T V Q Q H N D Y S E P L		
		cov	pid	641	PAS-11	720
1	SgMet	100.0%	100.0%	L V A V I Q L F R E K K V E L S L L E T D E Y Q T R H K D G S I V S D H R S V V A G Y L A D E V H G H N A F T F H Q D D I A Y		
2	LmMet	98.1%	84.5%	L V A V I Q L F R E K K V E L S L L E T D E Y Q T R H K D G S I V S S D H R S V V A G Y L T D E V H M A F T F H Q D D I A Y		
3	BgMet	51.3%	27.5%	L I A V R T V R E S S L V E R S L L L E P S K D E Y V T R H I D G R I T I Y S D H R S V V A G Y M A E E V A G L S A F K F M K D D I R F		
4	PkMet	84.3%	16.3%	L V A V M K P A R E E T L M S I V E S Q E Y V T R H M Y O G R I V F C D Q R S L V S G Y L P E E V K G L Q A L Q F M A K E E V H W		
5	TcMet	45.3%	19.7%	L L F F V K V F R P E P L C E R L F E S R E E Y V T R H I D G R I G D Q Q R S F I A G Y M T E E V S G L S A F K F M R E D V R W		
6	HaMet	42.5%	14.0%	F I G M I H V L S S A M P P R I L P P T A Y S E Y A T R H I D G R I V Q C D Q S L A I G Y M T E E V T G T S A F V F M K D D V R W		
7	DmMet	58.5%	17.5%	L V A M A R V L R E E R P P E T E G T V G L T I Y R O P E P Y Q L E Y A T R H I D G S I I D Q Q R G L V A G Y M K D E V R N L S P F F M H D D V R W		
8	DmGCE	63.1%	13.8%	L T G C A R I I R P P K I A S R I I D A N T L E Y K T R H I D G R I D C Q R G I V A G Y M T D E V R N L S P F T F M H D D V R W		
9	AaMet	72.5%	17.6%	L V A V A R V Q K V P T I C D R L I E A C R Y E Y K T R H I D G R I V Q C D H R S V V A G Y L T T E V S G L S P F T F M H D D V R W		
10	DmaMet	64.2%	15.9%	F I G L V R I L Q T P N T L P P L T I M A V Q D E Y A T Q T T G G T I I Q T D H R A I I A G Y L S G E V T G M S A Y D V V Y S E D L E Y		
		cov	pid	721	8	800
1	SgMet	100.0%	100.0%	A L I A L Q Q F D K N E F G S S T Y R L Y T K N Q Y Y R T R G Y L E F A H G S K D V E T F L C I N T L S K E E E D G L R E N K O R F S A Y Y S A		
2	LmMet	98.1%	84.5%	A L I A L Q Q F D K N E F G S S T Y R L Y T K N Q Y Y R T R G Y L E A P E S K E V E T F L C I N T L S K E E E E G L R E N K O R F S A Y Y S A		
3	BgMet	51.3%	27.5%	T M I A L R Q M Y D R G K D S Y G S S C Y R L Q S K I T Q Y I Y L R T H G Y L E Y D K D T Q Q I V S F I C I N T L T E E E E R R I C E N K A R F S A T I T		
4	PkMet	84.3%	16.3%	V M I A L R Q M L W N R E G F G K S C Y R L K R K N D F I Y V T H G Y L E P C E D L Q K S T F V C V N T L V S E E G L R E I R N M K K K F T P I E R		
5	TcMet	45.3%	19.7%	V M I A L R Q M Y D R G E S K G S S C Y R L L S R N Q F I Y L R T F G F L E I D D Q G T V E S F V C V N T L V S E Q E G L Q L I N E N K M R Y S A L I N S		
6	HaMet	42.5%	14.0%	V C C V L R Q M Y D E S R E F G E S Y R L M T R S E H F I Y L R T F L E I D R A T K V Q S F V C V N S V I G E D Y G C R M M D E N K R K Y S V I I D V		
7	DmMet	58.5%	17.5%	V I V A L R Q M Y D C N S D Y G E S C Y R L L S R N G R F I Y L T K G F L E V D R E S N K V H S F L C V N T L L D E A G R Q K V Q E N K E K F S T I I K A		
8	DmGCE	63.1%	13.8%	V I V A L R Q M Y D C N S S Y G E S T Y R L F T R N G N I I Y L Q S K G Y L E I D K E T N K V H S F V C V N T L L G E E G K R R V Q E N K K K F S V I I N T		
9	AaMet	72.5%	17.6%	V I V A L R Q M Y D Y S Q N Y G E S C Y R L M T R T G D F V Y L K T R G Y L E V D S S K I V Q S F V C I N T L V S D E E G R R L V R E N K H K F S V I V E A		
10	DmaMet	64.2%	15.9%	T I K A Q S L M L T R S E G M V T Y R L K I T S T E R L F L R S R F I Q Y D E N T K E I V S F C I N S L I D E E Q G M K M E Q E M R A M L D K L N I A		
		cov	pid	801	9	880
1	SgMet	100.0%	100.0%	L R A A G A D S L A G I A A A M S A A P P P P R M V K G S E L P K L P P P P P P P P S L Q S S S P L P P P P P P P P P P P P A A I T S S S E		
2	LmMet	98.1%	84.5%	L R A A G A D S L T G I A A A A A A P P P P R S S A V T A S E R P T L A P P P P P P P P P L Q S S S P P P P P P P P P P P P A A N S S S E		
3	BgMet	51.3%	27.5%	R D E P A I A A I A E K Y F V R M Q		
4	PkMet	84.3%	16.3%	Q S C P I T S		
5	TcMet	45.3%	19.7%	D K Q Q T E		
6	HaMet	42.5%	14.0%	E M P T Q		
7	DmMet	58.5%	17.5%	Q I P		
8	DmGCE	63.1%	13.8%	D E L P D		
9	AaMet	72.5%	17.6%	T V T P A I A S		
10	DmaMet	64.2%	15.9%			
		cov	pid	881	9	960
1	SgMet	100.0%	100.0%	I I I N S T L C E V S P P F T A M V T E S A A S S E Q S A D F G S V S R S E A A A S K Y R N Q A P T A A S R S P T V D P Y		
2	LmMet	98.1%	84.5%	I I I S N T I V C E V S P P F T A M V T E S T P S S E Q G A D F G S V S P S E A A A S K Y R N H T T T S R S P T A D P Y		
3	BgMet	51.3%	27.5%	S S R Q Q A I L G S T S T S V G N D		
4	PkMet	84.3%	16.3%	G R N V P D L N P T T E D P D E L K N A L K A V T N I P P P I E V K E D P E Q C R E T Q F A K Y K Y S K T L P P P T I P T G		
5	TcMet	45.3%	19.7%	S G S T D S S S Q S V E D P Q Q V E A I V H L I A N L P S P G		
6	HaMet	42.5%	14.0%	P P I D D A P Y E H P K R L E R I M H L V E P S V N E N		
7	DmMet	58.5%	17.5%	S S S P D L P A S Q A P Q O L E R I V L Y L I E N L Q S		
8	DmGCE	63.1%	13.8%	Q S I D P A S E H P A L L E K A V L R L I Q N L Q S G E N G G H D D G E D D D A Q D G D D		
9	AaMet	72.5%	17.6%	E S D E P A V E N P T Q I E K A V L N L L T N L H S E D E P S E R A L P S N T S Q E T G S E G S Q L A I A P S K A V K S A I		
10	DmaMet	64.2%	15.9%	S P T S T E P V G A S T Q E P L S R C V R A S V G K P P P S F S S N G C H L N G S R V S G		

	cov	pid	961	0	1040
1 SgMet	100.0%	100.0%			LPAA R PRAV SEG DTT F N QN
2 LmMet	98.1%	84.5%			LPAA R PRAV SEG DTT AIS QN
3 BgMet	51.3%	27.5%			
4 PkMet	84.3%	16.3%			KVITVMEKTASP SPAPST
5 TcMet	45.3%	19.7%			
6 HaMet	42.5%	14.0%			
7 DmMet	58.5%	17.5%			VDSAETVGGQGMSLMDDG
8 DmGCE	63.1%	13.8%			EEDDDDDQDDGARSMSFEGDP
9 AaMet	72.5%	17.6%	VKSMNVIAIASKKMSNGSNSPLRDS	TGASPRSKDHSGSPSAITMQRP	SVLQKAHSPA ESRV PPLHGTDD FFIQPFSPA
10 DmaMet	64.2%	15.9%			LPSSIMPNGHNSLCISP

	cov	pid	1041	1	1120
1 SgMet	100.0%	100.0%	F V S L F K V P E E E E N S V E Q L S P L A N S T G I T T D L E E K E Q L R N P L S P S S P P S R R H Y T A A Q R R A A S E S E L Q T A N S G S T F T Q S D		
2 LmMet	98.1%	84.5%	F V N L F K V P E E E E H S V D V Q R S P L V N T E V I S D L E E K P R I T N S L S P S S P P S R R H Y A A A Q R R A A S E S E L Q A A N S G S T F T Q S D		
3 BgMet	51.3%	27.5%			NDQLEVAISOLISNIPEVRDNKEPSNLPTQYAKAVRYSKVLPSATEQAKVGIKVPIN
4 PkMet	84.3%	16.3%	SSKRDRLSPLPVSTSAAYGTTATNSASMGSPSPSPSPSSSSSQCQHAVVSPSSMAALSPCGAALSRTSFQNRPSVLRI		
5 TcMet	45.3%	19.7%			SDQRSTSPSRVYGNVNEQDCSTPTENSPTKPYKLTANNKRPSTELGTNIYTSKQRSTS
6 HaMet	42.5%	14.0%			IDELQLVPPSKENIISAQNSKVVQETGVRFDSRKRKVDCCDN
7 DmMet	58.5%	17.5%	YSSPANTLTLEELAPSPPTALALVPPAPSSVKSSISKS		VGVVNVTAARKFQEQHQQRERDREQLKERTNS
8 DmGCE	63.1%	13.8%	YGSHHGRSHHGSSALSSHGHGNAKTPPLALVPPASSVKSAITKS		ISVVNVTAAKHLRGIHASTAVKSPSSLGSCCTS
9 AaMet	72.5%	17.6%	GSTSSSSSSSGSVFSPASHQRNSRSPFGGSIPPTSPPAIAATPSTSVSRIVDNTASGHSRSISVLKRTHSASCLDSSDGS		
10 DmaMet	64.2%	15.9%	SSE L Q V S S G S S S F S E E R C S S T P H S L V S S P M E I P N L V A S Y P F A P I P F W R P S T D C S P I T T T S N G H V N T R E V S K S P D		

	cov	pid	1121	2	1200
1 SgMet	100.0%	100.0%	P A S R G G N W Q F R P C D M P H S G T T E R R P P E R T V I T G R C C A G S E R K C S R L S V M S V T D E K R I T S V R G E T V L K R T S A D V E		
2 LmMet	98.1%	84.5%	P A D R C S N W Q F R P C D V S H S G T T D R R P P E R T V I T G R C C A G S E R R C S R L S I S V T G E E K R I T S V H G E V L K R T S A D E E		
3 BgMet	51.3%	27.5%			ARTEPISPTPLVTIIEPQRHP
4 PkMet	84.3%	16.3%	APA R Q A V N S V S A T V A D N Y A I S S T S N F D G K A T N D D A G R K Y S A S F C G S P A A A V A G T G S V R G S T N C D F I K Q E C A I K Q E A V		
5 TcMet	45.3%	19.7%			
6 HaMet	42.5%	14.0%			
7 DmMet	58.5%	17.5%			T-----QGV-----IRQLSSCLSEAEATA-----SCIL-----
8 DmGCE	63.1%	13.8%	DSHSPCDFCQGAFTTDLQAVGSNLKRGSTAHVETEELSKRRFIPSTEIEHVLHTSLDQIGRNLTTQQL		
9 AaMet	72.5%	17.6%	SIGHTADFVVQKRPKINTILDLDTCRRLSNPATDLITMLPQAFHAVDQSLKLVDDDTAKLRAQVSGY		
10 DmaMet	64.2%	15.9%	VDQSDPLGEPGLLALTLDHQWETAPNSQSMIVQHNG		

	cov	pid	1201	1280
1 SgMet	100.0%	100.0%	N S T T K K L N V G P R Y C R Q R H R E H P P T E A L S V E N T L P P D E L Q H I L S R D S G M Y N S O P T V L V S Q H S L F R	TS
2 LmMet	98.1%	84.5%	N S C T K K L N V G P R H C R Q R H R E H P P T E A L S V E N T L P P D E L Q H I L S R D S S O P T V L V S Q H R P F R	TS
3 BgMet	51.3%	27.5%		VITS LP
4 PkMet	84.3%	16.3%	DVDNYNDGCGVDDDDDDADADADDDDLQAIAAVIQTDSSGQLVAAMAAQAAMPVGVVSGRALKRRRLDCASSFAS	
5 TcMet	45.3%	19.7%		QLSPMSSLPYPNRTQITEVTQQTPEPSIYQHDQLRNKV
6 HaMet	42.5%	14.0%		SEYLKRHSGLQDVNVDL
7 DmMet	58.5%	17.5%	SPASSLSASEAPDTPDPHSNTSPPSLHTRPSVLHRTLSTLR	
8 DmGCE	63.1%	13.8%	NVARNLREQSORVELPHANQRFDIEHQKQSELYVNIKSEYEVQLQHK	ASTRKSSDSRNQEQ
9 AaMet	72.5%	17.6%	ENLQGKSLQQLDSIVEASHEQRNVLQSIKQLTQFQSNNGSNDQDGAGRGPIVVNDLPGGGAIVD	DL
10 DmaMet	64.2%	15.9%	QSHQQLSLVAVSPLQAHLLQSSNDNIEPIRSTLKSPPSSTSCPVQPPHYQEDALKISIPDRCPNT	

	cov	pid	1281	3	1360
1 SgMet	100.0%	100.0%	Q P A L Q T V T Q N V P A S S L S P P Q A E Q S T S V T P P S F I E E P S G L P L V L S D T N T S V G C Q D P L I S P D H G D S D S F S S L G L F D P		
2 LmMet	98.1%	84.5%	Q P A L Q T V T Q N V P A V S L S P P Q A D I T P P P F V I E E P G G M P L V L S D T T S V G C Q D P L I S P D H G D S D S F S S L G L F D P		
3 BgMet	51.3%	27.5%			
4 PkMet	84.3%	16.3%	SIVPIKKNACHADGVAKARHQKHLAATAVPSPLPLPPSHQVSSSSSVYPYSAAAVAASASPSCNSAGSALLATTQI		
5 TcMet	45.3%	19.7%			
6 HaMet	42.5%	14.0%			
7 DmMet	58.5%	17.5%			
8 DmGCE	63.1%	13.8%	PPPLQEDDQD		
9 AaMet	72.5%	17.6%	DPPSLMMEFDPSSNLMAEDNNNGSLLEGDSPLEFFSSINTPLISPTTATASVITSSRSVGGTGTGASGTAGSFYQGA		
10 DmaMet	64.2%	15.9%	ELSRNNCLNGYIIMQKMSPKNRKENLILSYLDVDKHAYKQPEITGTADQHYHSDLKVNAGTNSA		

	cov	pid	1361	4	1440
1 SgMet	100.0%	100.0%	E N N P E V L D L L E S E K L N F D T L Q E V R S S N E E A F S G F E T A V T E R F L A R K H L Q E S C H Q R Q E T Q H C I E H D T Q L P L A		
2 LmMet	98.1%	84.5%	E N N P E V L D L L E P E K L N F D T L Q E A R S S N D E A A T G F E T A T E R I L A R K H L Q E S C H Q R Q E T Q H C I E H D T Q L P L A		
3 BgMet	51.3%	27.5%			
4 PkMet	84.3%	16.3%	SRIDDPYTRLADIDVCDPTAQFVHNITADSFEETNQEQVLQLDNENKHRHIEESKMHIGGAQIHAEIGDKVFT		
5 TcMet	45.3%	19.7%			
6 HaMet	42.5%	14.0%			
7 DmMet	58.5%	17.5%			
8 DmGCE	63.1%	13.8%			
9 AaMet	72.5%	17.6%	DLNPS		
10 DmaMet	64.2%	15.9%			

	cov	pid	1441	:] 1499
1 SgMet	100.0%	100.0%	DHFRSNLTQSGPIHRKEERQASKHIPVLTPTFMNNRSTRYC-----						
2 LmMet	98.1%	84.5%	DHFRSNLTQSGPIHRKEERQASKHIPVLTPTFMNNRSTRYC-----						
3 BgMet	51.3%	27.5%	-----						
4 PkMet	84.3%	16.3%	TEQLGFQDTLTQKEQHVKQKMLMTLQQDHHSQHCNTTDGCANITSNTPTHQNVGV						
5 TcMet	45.3%	19.7%	-----						
6 HaMet	42.5%	14.0%	-----						
7 DmMet	58.5%	17.5%	-----						
8 DmGCE	63.1%	13.8%	-----						
9 AaMet	72.5%	17.6%	-----						
10 DmaMet	64.2%	15.9%	-----						