

SiH3.1	.....
SiH3.10	.....
SbH3.2	.....
SbH3.1	.....
SbH3.4	.....
SiH3.2	.....
SiH3.6	.....
SiH3.12	.....
SiH3.13	.....
AtH3.7	.....
AtH3.8	.....
AtH3.11	.....
OsH3.4	.....
OsH3.8	.....
SbH3.3	.....
SbH3.11	.....
SbH3.12	.....
SbH3.15	.....
ZmH3.6	.....
ZmH3.10	.....
ZmH3.11	.....
ZmH3.18	.....
ZmH3.1	.....
BbH3.1	.....
BbH3.2	.....
BbH3.3	.....
SiH3.5	.....
SiH3.7	.....
SiH3.11	.....
AtH3.2	.....
AtH3.6	.....
AtH3.9	.....
AtH3.10	.....
AtH3.14	.....
OsH3.1	.....
OsH3.5	MSVSTSNVAHQAAVRPEWAYAWAASSIGLKKSHHLRSHPRSSDVVWVHRSSPIPSQPIASRPSPHPRIAAIVRLIPAVHLIRRSKPHPPKI
OsH3.6	.....
OsH3.9	.....
OsH3.11	.....
OsH3.12	.....
SbH3.5	.....
SbH3.6	.....
SbH3.7	.....
SbH3.9	.....
SbH3.10	.....
SbH3.13	.....
SbH3.16	.....
SbH3.17	.....
ZmH3.2	.....
ZmH3.3	.....
ZmH3.8	.....
ZmH3.9	.....
ZmH3.12	.....
ZmH3.14	.....
ZmH3.15	.....
ZmH3.17	.....
ZmH3.19	.....
ZmH3.7	.....
ZmH3.4	.....
ZmH3.5	.....
ZmH3.16	.....
SiH3.9	.....
AtH3.5	.....
SbH3.8	.....
AtH3.13	.....
AtH3.3	.....
AtH3.4	.....
OsH3.3	.....
OsH3.10	.....
OsH3.13	.....
OsH3.14	.....
OsH3.2	.....
AtH3.12	.....
BbH3.6	.....
BbH3.4	.....
SiH3.3	.....
SiH3.4	.....
SbH3.14	.....
ZmH3.13	.....
OsH3.7	.....
BbH3.5	.....
AtH3.1	.....
SiH3.8	.....

SiH3.1	.....
SiH3.10	.....
SbH3.2	.....
SbH3.1	.....
SbH3.4	.....
SiH3.2	.....
SiH3.6	.....
SiH3.12	.....
SiH3.13	..MQANFHFPVFVRNDILIIISKFDTYLPMIPVPVNGSSKKQHMPHTSHPSCLGPHQIRRLQRRRSLPVLKPKPPSDTTNNLTSRARTQ
AtH3.7	.....
AtH3.8	.....
AtH3.11	.....
OsH3.4	.....
OsH3.8	.....
SbH3.3	.....
SbH3.11	.....
SbH3.12	.....
SbH3.15	.....
ZmH3.6	.....
ZmH3.10	.....
ZmH3.11	.....
ZmH3.18	.....
ZmH3.1	.....
BbH3.1	.....
BbH3.2	.....
BbH3.3	.....
SiH3.5	.....
SiH3.7	.....
SiH3.11	.....
AtH3.2	.....
AtH3.6	.....
AtH3.9	.....
AtH3.10	.....
AtH3.14	.....
OsH3.1	.....
OsH3.5	PKFFAIPRLPPTTN.....T.....PAPPTRN.....
OsH3.6	.....
OsH3.9	.....
OsH3.11	.....
OsH3.12	.....
SbH3.5	.....
SbH3.6	.....
SbH3.7	.....
SbH3.9	.....
SbH3.10	.....
SbH3.13	.....
SbH3.16	.....
SbH3.17	.....
ZmH3.2	.....
ZmH3.3	.....
ZmH3.8	.....
ZmH3.9	.....
ZmH3.12	.....
ZmH3.14	.....
ZmH3.15	.....
ZmH3.17	.....
ZmH3.19	.....
ZmH3.7	..MPAPRRHRPSI.....HSSH.....
ZmH3.4	.....
ZmH3.5	.....
ZmH3.16	.....
SiH3.9	.....
AtH3.5	.....
SbH3.8	.....
AtH3.13	.....
AtH3.3	.....
AtH3.4	.....
OsH3.3	.....
OsH3.10	..MII..RPQSAIG..G...IGVWDCT.....TGEQ.....
OsH3.13	.....
OsH3.14	.....
OsH3.2	..M...RRQSTRGRN...TGSGD.....GEESAA.....
AtH3.12	.....
BbH3.6	.....
BbH3.4	.....
SiH3.3	.....
SiH3.4	.....
SbH3.14	.....
ZmH3.13	.....
OsH3.7	.....
BbH3.5	.....
AtH3.1	.....
SiH3.8	.....

SiH3.1	.....
SiH3.10	.....
SbH3.2	.....
SbH3.1	.....
SbH3.4	.....
SiH3.2	.....
SiH3.6	.....
SiH3.12	.....
SiH3.13	TSPGGSATYRLRP IRTQ RSTLAI RAKR PKLP AVRS AKKKH THSRSGPPTPRDPDIPRGCRPINRRRRPDLLIFSGGLPLPRAAPAPIRSVR
AtH3.7	.....
AtH3.8	.....
AtH3.11	.....
OsH3.4	.....
OsH3.8	.....
SbH3.3	.....
SbH3.11	.....
SbH3.12	.....
SbH3.15	.....
ZmH3.6	.....
ZmH3.10	.....
ZmH3.11	.....
ZmH3.18	.....
ZmH3.1	.....
BbH3.1	.....
BbH3.2	.....
BbH3.3	.....
SiH3.5	.....
SiH3.7	.....
SiH3.11	.....
AtH3.2	.....
AtH3.6	.....
AtH3.9	.....
AtH3.10	.....
AtH3.14	.....
OsH3.1	.....
OsH3.5	.....
OsH3.6	.....
OsH3.9	.....
OsH3.11	.....
OsH3.12	.....
SbH3.5	.....
SbH3.6	.....
SbH3.7	.....
SbH3.9	.....
SbH3.10	.....
SbH3.13	.....
SbH3.16	.....
SbH3.17	.....
ZmH3.2	.....
ZmH3.3	.....
ZmH3.8	.....
ZmH3.9	.....
ZmH3.12	.....
ZmH3.14	.....
ZmH3.15	.....
ZmH3.17	.....
ZmH3.19	.....
ZmH3.7	.....
ZmH3.4	.....
ZmH3.5	.....
ZmH3.16	.....
SiH3.9	.....
AtH3.5	.....
SbH3.8	.....
AtH3.13	.....
AtH3.3	.....
AtH3.4	.....
OsH3.3	.....
OsH3.10	.....
OsH3.13	.....
OsH3.14	.....
OsH3.2	.....
AtH3.12	.....
BbH3.6	.....
BbH3.4	.....
SiH3.3	.....
SiH3.4	.....
SbH3.14	.....
ZmH3.13	.....
OsH3.7	.....
BbH3.5	.....
AtH3.1	.....
SiH3.8	.....

			1			
SiH3.1			MARTK			
SiH3.10			MARTK			
SbH3.2			MARTK			
SbH3.1			MARTK			
SbH3.4			MARTK			
SiH3.2			MARTK			
SiH3.6			MARTK			
SiH3.12			MARTK			
SiH3.13	RERS	QPG	MARTK			
AtH3.7			MARTK			
AtH3.8			MARTK			
AtH3.11			MARTK			
OsH3.4			MARTK			
OsH3.8			MARTK			
SbH3.3			MARTK			
SbH3.11			MARTK			
SbH3.12			MARTK			
SbH3.15			MARTK			
ZmH3.6			MARTK			
ZmH3.10			MARTK			
ZmH3.11			MARTK			
ZmH3.18			MARTK			
ZmH3.1			MARTK			
BbH3.1			MARTK			
BbH3.2			MARTK			
BbH3.3			MARTK			
SiH3.5			MARTK			
SiH3.7			MARTK			
SiH3.11			MARTK			
AtH3.2			MARTK			
AtH3.6			MARTK			
AtH3.9			MARTK			
AtH3.10			MARTK			
AtH3.14			MARTK			
OsH3.1			MARTK			
OsH3.5	RERSI	NPSS	MARTK			
OsH3.6			MARTK			
OsH3.9			MARTK			
OsH3.11			MARTK			
OsH3.12			MARTK			
SbH3.5			MARTK			
SbH3.6			MARTK			
SbH3.7			MARTK			
SbH3.9			MARTK			
SbH3.10			MARTK			
SbH3.13			MARTK			
SbH3.16			MARTK			
SbH3.17			MARTK			
ZmH3.2			MARTK			
ZmH3.3			MARTK			
ZmH3.8			MARTK			
ZmH3.9			MARTK			
ZmH3.12			MARTK			
ZmH3.14			MARTK			
ZmH3.15			MARTK			
ZmH3.17			MARTK			
ZmH3.19			MARTK			
ZmH3.7	ALS	QLSP	MARTK			
ZmH3.4			MARTK			
ZmH3.5			MARTK			
ZmH3.16			MARTK			
SiH3.9			MARTK			
AtH3.5			MARTK			
SbH3.8			MAGGS	TSVML		
AtH3.13			MARTK			
AtH3.3			MARTK			
AtH3.4			MARTK			
OsH3.3			MO			
OsH3.10	CALGDAD	KLQWLDGISTL	MAATM	FLRTDTSFIILLDFRDKKNVAWLWSDVGT	PASLEDKKNVLHAIAMEDGRSRSIR	
OsH3.13			MARTK			
OsH3.14			MARTK			
OsH3.2	RSTGSGDGESEALAAAVHAGKISREDAARR		MARTK			
AtH3.12			MARSN			
BbH3.6			MARTK			
BbH3.4			MARTK			
SiH3.3			MARTK			
SiH3.4			MARTK			
SbH3.14			MARTK			
ZmH3.13			MARTK			
OsH3.7			MARTK			
BbH3.5			MARTK			
AtH3.1			MARTK			
SiH3.8			MA			

	10	20	30
SiH3.1	QTARKSSGG	KAP	AKQLAR
SiH3.10	TTARNSTGG	KAP	AKQLV
SbH3.2	STARNSTGG	KAP	AKQLVK
SbH3.1	QTARKSTGG	KAP	AKQLVR
SbH3.4	QTARKSTGG	KTP	AKQLVR
SiH3.2	QTARKSTGG	KAP	AKQLAT
SiH3.6	QTARKSTGG	KAP	AKQLAT
SiH3.12	QTARKSTGG	KAP	AKQLAT
SiH3.13	QTARKSTGG	KAP	AKQLAT
AtH3.7	QTARKSTGG	KAP	AKQLAT
AtH3.8	QTARKSTGG	KAP	AKQLAT
AtH3.11	QTARKSTGG	KAP	AKQLAT
OsH3.4	QTARKSTGG	KAP	AKQLAT
OsH3.8	QTARKSTGG	KAP	AKQLAT
SbH3.3	QTARKSTGG	KAP	AKQLAT
SbH3.11	QTARKSTGG	KAP	AKQLAT
SbH3.12	QTARKSTGG	KAP	AKQLAT
SbH3.15	QTARKSTGG	KAP	AKQLAT
ZmH3.6	QTARKSTGG	KAP	AKQLAT
ZmH3.10	QTARKSTGG	KAP	AKQLAT
ZmH3.11	QTARKSTGG	KAP	AKQLAT
ZmH3.18	QTARKSTGG	KAP	AKQLAT
ZmH3.1	QTARKSTGG	KAP	AKQLAT
BbH3.1	QTARKSTGG	KAP	AKQLAT
BbH3.2	QTARKSTGG	KAP	AKQLAT
BbH3.3	QTARKSTGG	KAP	AKQLAT
SiH3.5	QTARKSTGG	KAP	AKQLAT
SiH3.7	QTARKSTGG	KAP	AKQLAT
SiH3.11	QTARKSTGG	KAP	AKQLAT
AtH3.2	QTARKSTGG	KAP	AKQLAT
AtH3.6	QTARKSTGG	KAP	AKQLAT
AtH3.9	QTARKSTGG	KAP	AKQLAT
AtH3.10	QTARKSTGG	KAP	AKQLAT
AtH3.14	QTARKSTGG	KAP	AKQLAT
OsH3.1	QTARKSTGG	KAP	AKQLAT
OsH3.5	QTARKSTGG	KAP	AKQLAT
OsH3.6	QTARKSTGG	KAP	AKQLAT
OsH3.9	QTARKSTGG	KAP	AKQLAT
OsH3.11	QTARKSTGG	KAP	AKQLAT
OsH3.12	QTARKSTGG	KAP	AKQLAT
SbH3.5	QTARKSTGG	KAP	AKQLAT
SbH3.6	QTARKSTGG	KAP	AKQLAT
SbH3.7	QTARKSTGG	KAP	AKQLAT
SbH3.9	QTARKSTGG	KAP	AKQLAT
SbH3.10	QTARKSTGG	KAP	AKQLAT
SbH3.13	QTARKSTGG	KAP	AKQLAT
SbH3.16	QTARKSTGG	KAP	AKQLAT
SbH3.17	QTARKSTGG	KAP	AKQLAT
ZmH3.2	QTARKSTGG	KAP	AKQLAT
ZmH3.3	QTARKSTGG	KAP	AKQLAT
ZmH3.8	QTARKSTGG	KAP	AKQLAT
ZmH3.9	QTARKSTGG	KAP	AKQLAT
ZmH3.12	QTARKSTGG	KAP	AKQLAT
ZmH3.14	QTARKSTGG	KAP	AKQLAT
ZmH3.15	QTARKSTGG	KAP	AKQLAT
ZmH3.17	QTARKSTGG	KAP	AKQLAT
ZmH3.19	QTARKSTGG	KAP	AKQLAT
ZmH3.7	QTARKSTGG	KAP	AKQLAT
ZmH3.4	QTARKSTGG	KAP	AKQLAT
ZmH3.5	QTARKSTGG	KAP	AKQLAT
ZmH3.16	QTARKSTGG	KAP	AKQLAT
SiH3.9	QTARKSTGG	KAP	AKQLAT
AtH3.5	QTARKSHGG	KAP	RTLLAT
SbH3.8	QTARKSTGG	KAP	AKQLAT
AtH3.13	QTARISTAG	KAP	AKQLAT
AtH3.3	QSARKSHGG	KAP	TKQLAT
AtH3.4	QTARKSTGG	KGP	RKELAT
OsH3.3			AKARKT
OsH3.10	LVLLTYNKL	TDPHEADGVQVRDS	AKQLAT
OsH3.13	QTAKKSTAS	NVP	RKLLVM
OsH3.14	QTAKKSTAG	NVP	RKLLVM
OsH3.2	QTARKSTGG	KAP	RKPLRA
AtH3.12	QTARKATGG	KAP	HFAM
BbH3.6	QTARKSTGG	KAP	AKQLAT
BbH3.4	OSTVAR		KOKVOL
SiH3.3	HAAVKSK	EQP	KKKLOE
SiH3.4	HPAVRTAG	RPP	KKKLOE
SbH3.14	HQAVRKLP	QKP	KKKLOE
ZmH3.13	HQAVRKTA	EKP	KKKLOE
OsH3.7	HPAVRKTA	AEP	KKKLOE
BbH3.5	QTARKSVGG	NRPVYGRKRFAR	HILKOR
AtH3.1	HRVTR	SQP	RNQTDA
SiH3.8			CKQLAT
			AKAASR
			LR

		40	50	60	70	80	90	100	110	120							
SiH3.1	I	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KATELLIRKL	PPF	LVREIAQ	LIHKS	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SiH3.10	V	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	LIHKS	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SbH3.2	A	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	LIHKS	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SbH3.1	M	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	LIHKS	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SbH3.4	V	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	LIHKS	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SiH3.2	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SiH3.6	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SiH3.12	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SiH3.13	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
AtH3.7	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
AtH3.8	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
AtH3.11	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
OsH3.4	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
OsH3.8	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SbH3.3	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SbH3.11	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SbH3.12	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SbH3.15	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
ZmH3.6	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
ZmH3.10	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
ZmH3.11	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
ZmH3.18	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
ZmH3.1	T	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KSTDLLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
BbH3.1	A	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
BbH3.2	A	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
BbH3.3	A	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT
SiH3.5	A	TGGVKKP	RRYRP	PGTVA	LR	TKKY	KGTELLIRKL	PPF	LVREIAQ	DFDKT	D	LRFSQ	HAVLALQE	AAEAY	LVGLF	EDTNLC	AIHAKRVT

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SiH3.1  IMPKDVHLLATRIGERP
SiH3.10 IMPKDVHLLATRIGERP
SbH3.2  IMPKDVHLLATRIGERH
SbH3.1  IMPKDVHLLATRIGERH
SbH3.4  IMPKDVHLLATRIGERH
SiH3.2  IMPKDIQLARRIRGERA
SiH3.6  IMPKDIQLARRIRGERA
SiH3.12 IMPKDIQLARRIRGERA
SiH3.13 IMPKDIQLARRIRGERA
AtH3.7  IMPKDIQLARRIRGERA
AtH3.8  IMPKDIQLARRIRGERA
AtH3.11 IMPKDIQLARRIRGERA
OsH3.4  IMPKDIQLARRIRGERA
OsH3.8  IMPKDIQLARRIRGERA
SbH3.3  IMPKDIQLARRIRGERA
SbH3.11 IMPKDIQLARRIRGERA
SbH3.12 IMPKDIQLARRIRGERA
SbH3.15 IMPKDIQLARRIRGERA
ZmH3.6  IMPKDIQLARRIRGERA
ZmH3.10 IMPKDIQLARRIRGERA
ZmH3.11 IMPKDIQLARRIRGERA
ZmH3.18 IMPKDIQLARRIRGERA
ZmH3.1  IMPKDIQLARRIRGERA
BbH3.1  IMPKDIQLARRIRGERA
BbH3.2  IMPKDIQLARRIRGERA
BbH3.3  IMPKDIQLARRIRGERA
SiH3.5  IMPKDIQLARRIRGERA
SiH3.7  IMPKDIQLARRIRGERA
SiH3.11 IMPKDIQLARRIRGERA
AtH3.2  IMPKDIQLARRIRGERA
AtH3.6  IMPKDIQLARRIRGERA
AtH3.9  IMPKDIQLARRIRGERA
AtH3.10 IMPKDIQLARRIRGERA
AtH3.14 IMPKDIQLARRIRGERA
OsH3.1  IMPKDIQLARRIRGERA
OsH3.5  IMPKDIQLARRIRGERA
OsH3.6  IMPKDIQLARRIRGERA
OsH3.9  IMPKDIQLARRIRGERA
OsH3.11 IMPKDIQLARRIRGERA
OsH3.12 IMPKDIQLARRIRGERA
SbH3.5  IMPKDIQLARRIRGERA
SbH3.6  IMPKDIQLARRIRGERA
SbH3.7  IMPKDIQLARRIRGERA
SbH3.9  IMPKDIQLARRIRGERA
SbH3.10 IMPKDIQLARRIRGERA
SbH3.13 IMPKDIQLARRIRGERA
SbH3.16 IMPKDIQLARRIRGERA
SbH3.17 IMPKDIQLARRIRGERA
ZmH3.2  IMPKDIQLARRIRGERA
ZmH3.3  IMPKDIQLARRIRGERA
ZmH3.8  IMPKDIQLARRIRGERA
ZmH3.9  IMPKDIQLARRIRGERA
ZmH3.12 IMPKDIQLARRIRGERA
ZmH3.14 IMPKDIQLARRIRGERA
ZmH3.15 IMPKDIQLARRIRGERA
ZmH3.17 IMPKDIQLARRIRGERA
ZmH3.19 IMPKDIQLARRIRGERA
ZmH3.7  IMPKDIQLARRIRGERA
ZmH3.4  IMPKDIQLARRIRGERA
ZmH3.5  IMPKDIQLARRIRGERA
ZmH3.16 IMPKDIQLARRIRGERA
SiH3.9  IMPKDIQLARRIRAVAAQPGDCERCRCRVRYEMKITALLVVKPSTSGAGSSSSGGGSGPEAVVLANATDVSHFGYFQRSAAREFIVFVAR
AtH3.5  IMPKDVQLARRIRGERA
SbH3.8  IMPKDIQLARRIRGERA
AtH3.13 IMPKEIQLARRIRGERAR
AtH3.3  IMPKDVQLARRIRARA
AtH3.4  IMSKDIQLARRIRGERA
OsH3.3  IMSKDVQLARRIRGERL
OsH3.10 IMPKDIQLARRIRGERA
OsH3.13 IMPKDIQLARRIRGEKARIR
OsH3.14 IMPKDIQLARCIGGEKA
OsH3.2  IMSKDVQLAR
AtH3.12 IMPKDIQLAKRLRGDRV
BbH3.6
BbH3.4 IMPKDLQLARRIRGPIF
SiH3.3 IMORDIQLARRIGGRF
SiH3.4 IMOKDIQLARRIGGRR
SbH3.14 VMOKDIQLARRIGGRR
ZmH3.13 IMOKDIQLARRIGGRR
OsH3.7 IMOKDMQLARRIGGRRP
BbH3.5 IMTKDLQLAHRRLKGEAQCAK
AtH3.1 LMRKDFELARRLGKGGR
SiH3.8 PSLPKDIQLVRRIRGERARGL

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SiH3.1	
SiH3.10	
SbH3.2	
SbH3.1	
SbH3.4	
SiH3.2	
SiH3.6	
SiH3.12	
SiH3.13	
AtH3.7	
AtH3.8	
AtH3.11	
OsH3.4	
OsH3.8	
SbH3.3	
SbH3.11	
SbH3.12	
SbH3.15	
ZmH3.6	
ZmH3.10	
ZmH3.11	
ZmH3.18	
ZmH3.1	
BbH3.1	
BbH3.2	
BbH3.3	
SiH3.5	
SiH3.7	
SiH3.11	
AtH3.2	
AtH3.6	
AtH3.9	
AtH3.10	
AtH3.14	
OsH3.1	
OsH3.5	
OsH3.6	
OsH3.9	
OsH3.11	
OsH3.12	
SbH3.5	
SbH3.6	
SbH3.7	
SbH3.9	
SbH3.10	
SbH3.13	
SbH3.16	
SbH3.17	
ZmH3.2	
ZmH3.3	
ZmH3.8	
ZmH3.9	
ZmH3.12	
ZmH3.14	
ZmH3.15	
ZmH3.17	
ZmH3.19	
ZmH3.7	
ZmH3.4	
ZmH3.5	
ZmH3.16	
SiH3.9	TVAQRTIQFGQRQSVQHHEEYKVVHSHNRNGLCAVAFMDDHYPVRSASFSLNKKDPAEADKLMKIQRDLDETKIILHKTIESVLERGERLDSLV
AtH3.5	
SbH3.8	
AtH3.13	
AtH3.3	
AtH3.4	
OsH3.3	
OsH3.10	
OsH3.13	
OsH3.14	
OsH3.2	
AtH3.12	
BbH3.6	
BbH3.4	
SiH3.3	
SiH3.4	
SbH3.14	
ZmH3.13	
OsH3.7	
BbH3.5	
AtH3.1	
SiH3.8	

SiH3.1	.....
SiH3.10	.....
SbH3.2	.....
SbH3.1	.....
SbH3.4	.....
SiH3.2	.....
SiH3.6	.....
SiH3.12	.....
SiH3.13	.....
AtH3.7	.....
AtH3.8	.....
AtH3.11	.....
OsH3.4	.....
OsH3.8	.....
SbH3.3	.....
SbH3.11	.....
SbH3.12	.....
SbH3.15	.....
ZmH3.6	.....
ZmH3.10	.....
ZmH3.11	.....
ZmH3.18	.....
ZmH3.1	.....
BbH3.1	.....
BbH3.2	.....
BbH3.3	.....
SiH3.5	.....
SiH3.7	.....
SiH3.11	.....
AtH3.2	.....
AtH3.6	.....
AtH3.9	.....
AtH3.10	.....
AtH3.14	.....
OsH3.1	.....
OsH3.5	.....
OsH3.6	.....
OsH3.9	.....
OsH3.11	.....
OsH3.12	.....
SbH3.5	.....
SbH3.6	.....
SbH3.7	.....
SbH3.9	.....
SbH3.10	.....
SbH3.13	.....
SbH3.16	.....
SbH3.17	.....
ZmH3.2	.....
ZmH3.3	.....
ZmH3.8	.....
ZmH3.9	.....
ZmH3.12	.....
ZmH3.14	.....
ZmH3.15	.....
ZmH3.17	.....
ZmH3.19	.....
ZmH3.7	.....
ZmH3.4	.....
ZmH3.5	.....
ZmH3.16	.....
SiH3.9	EKSSDLSAASQMFYKQAKKTNQCCTIL
AtH3.5	.....
SbH3.8	.....
AtH3.13	.....
AtH3.3	.....
AtH3.4	.....
OsH3.3	.....
OsH3.10	.....
OsH3.13	.....
OsH3.14	.....
OsH3.2	.....
AtH3.12	.....
BbH3.6	.....
BbH3.4	.....
SiH3.3	.....
SiH3.4	.....
SbH3.14	.....
ZmH3.13	.....
OsH3.7	.....
BbH3.5	.....
AtH3.1	.....
SiH3.8	.....