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>Tek-2MKK10-5 Brdisv1Tek-21001621m.p

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>Tek-4MKK1 Brdisv1Tek-41004208m.p

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SLDDLDAIKVIGKGSSGIVQLVRHKWTDQFFALKVIQLNIQESIRKQIAQELKISLSTQC

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>Tek-4MKK3-1 Brdisv1Tek-41038463m.p

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MEESTF

>Tek-4MKK3-2 Brdisv1Tek-41026595m.p

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GLWHHMKTFYXXXXXXXXXXXXHLLASAVGLKKENTVQSA\*

>Tek-4MKK3-3 Brdisv1Tek-41017143m.p

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>Tek-4MKK4 Brdisv1Tek-41001069m.p

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>Tek-4MKK5 Brdisv1Tek-41003815m.p

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>Tek-4MKK6 Brdisv1Tek-41006374m.p

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>Tek-4MKK10-1 Brdisv1Tek-41001123m.p

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DPYAADVWGLGVTVLELLMGRYPLLPAGQRPSWAALMCAICFGETPALSDGEASAELRGF

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>Tek-4MKK10-2 Brdisv1Tek-41001073m.p

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AALVAEAELGDL\*

>Tek-4MKK10-3 Brdisv1Tek-41001076m.p

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AADVWGLGVTVLELLMGRYPLLPAGQRPSWPALMCAICFGETPVLSDGEASAELRGFVAA

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>Tek-4MKK10-4 Brdisv1Tek-41001074m.p

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>BdMKK1 Bradi1g51000

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>BdMKK3-1 Bradi4g39490

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>BdMKK3-2 Bradi1g41860

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>BdMKK3-3 Bradi3g11260

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>BdMKK4 Bradi3g53650

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>BdMKK5 Bradi1g46880

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>BdMKK6 Bradi1g75150

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>BdMKK10-1 Bradi1g11525

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>BdMKK10-2 Bradi1g69400

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>BdMKK10-3 Bradi1g10800

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>BdMKK10-4 Bradi1g10770

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>BdMKK10-5 Bradi1g10790

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>Adi-10MKK1 Brdisv1Adi-101005559m.p

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>Adi-10MKK3-1 Brdisv1Adi-101020471m.p

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>Adi-10MKK3-2 Brdisv1Adi-101031183m.p

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>Adi-10MKK3-3 Brdisv1Adi-101022600m.p

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>Adi-10MKK4 Brdisv1Adi-101022194m.p

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>Adi-10MKK5 Brdisv1Adi-101005080m.p

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>Adi-10MKK6 Brdisv1Adi-101008538m.p

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>Adi-10MKK10-1 Brdisv1Adi-101039188m.p

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>Adi-10MKK10-2 Brdisv1Adi-101007868m.p

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AALVAEAELGDL\*

>Adi-10MKK10-5 Brdisv1Adi-101038807m.p

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LIKHPFVAGRNMAASRLALRRLVAGA\*

>Adi-12MKK1 Brdisv1Adi-121007566m.p

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>Adi-12MKK3-1 Brdisv1Adi-121026937m.p

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VDPTERLKEIAEMLAVHYYLLFNGSDGLWHHMKTFYMEESTFSFSGNVYVGRNDIFDTLS

SIRKKLKGDRPREKIVHVVEKLHCRANGETGIAIRVSGSLIVGNQFLVCGEGLQAEGMPS

VEELSIDIPSKRVGQFREQFMMLPGISMGSFHISRQDLYIIQA\*

>Adi-12MKK3-2 Brdisv1Adi-121040653m.p

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HGFHKRSAGADESDFGEKAYRCASQDMHIFGPIGNGASSVVQRAIFIPVHRILALKKINI

FEKEKRQQILNEMRTLCEACCYPGLVEFQGAFYMPDSGQISIALEYMDGGSLADVIKVKK

SIPEPVLAHMLQKVLLGLRYLHEVRHLVHRDIKPANMLVNLKGEAKITDFGVSAGLDNTM

AMCATFVGTVTYMSPERIRNENYSYAADIWSLGLTILECATGKFPYNVNEGPANLMLQIL

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VNPEERLKQIAEMLAVHYYLLFNGSDGLWHHMKTFYMEDSTFSFSGNLYVGQSDIFDTLS

NIRTKLKGDRPREKIVHVVEKLHCRANEETGIAIRVSGSFIVSNQFLICGEGLQAEGMPS

LEELSIDIPSKRVGQFREQFIMHPGRSMGCYYISRQDLYIIQA\*

>Adi-12MKK3-3 Brdisv1Adi-121029689m.p

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SRSSDEYNINERGFHKRTIRSDDEYSSEKAFRCSCHDMHIFDSVGNGASSVVHRAIYVPV

HRVLALKKINIFEKERRQQILNEIITLSEACCYPGLVEFHGVFYTPDSGEIYFALEYMDG

GSLADIIRVKKFISEPVLSHMLQKVLLALRYLHEVRHLVHRDIKPANLLLNLKGDTKITD

FGVTSGLHDSIDMCATFLGSVTYMSPERIRNESYSYSADIWSLGLTALECATGRYPYDVN

GGEADLMLQILEDPSPTPPHDIYSEEFCSFINACLQKDADARPTCDQLLSHSFIKRYEGP

GVDLSEYNKSVHDPSERLSQIAHMLAVHYYLIFDGGDDQWCHMKTFYQQDSIFSFSGETH

VGKSEIFETLSRIRKMLKGNSPCEKIAHVMEKVYCRSHGEEGMRVRVSGSFIVGNEFVVC

ADGVRAEGMLSIDELSPDILSKQAGHFQEDFFMEPGTALGCYVISKQELHIADT\*

>Adi-12MKK4 Brdisv1Adi-121001565m.p

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VRRQITREIAILRTAEHPAIVRCHGMYEQAGELQILLEFMDGGSLGARRIASEAFLADVA

RQVLSGIASPPRRHIVHRDIKPSNLLIDSGRRVKIADFGVGRILNQTMDPCNSSVGTIAY

MSPERINTDLNDGAYDGYAGDIWSFGLSILEFYLGRFPLGENLGKQGDWAALMCAICYSD

SPAPPPIASPEFKSFISCCLQKNPARRPSAAQLLQHRFIAGPQPQVLAAPPS\*

>Adi-12MKK5 Brdisv1Adi-121001563m.p

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PTGRCYALKQLYGNHDDAVRRQIAREIAILRTAEHPAVVRCHGMYERGGELQILLEYMDG

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LGKQGDWAALMVAICYNDPPEPPAAASPEFRGFISCCLQKNPAKRLSAAQLLQHPFVAGP

QPLPLAAPPS\*

>Adi-12MKK6 Brdisv1Adi-121011367m.p

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KVEDVQLSMDDLEMIQVIGKGSGGVVQLVQHKWVGTFYALKGIQMNIQEAVRKQIVQELK

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LLYLHHERHVIHRDIKPSNLLVNHKGEVKITDFGVSAVLASSIGQRDTFVGTYNYMAPER

ISGSSYDYKSDVWSLGLVILECAIGRFPYTPSEGEGWLSFYELLEAIVDQPPPGAPADQF

SPEFCSFISACIQKDPAERMSASELLNHAFIKKFEGKDLDLRILVESLEPPMNVPE\*

>Adi-12MKK10-1 Brdisv1Adi-121001666m.p

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VLGRGNGGTVYKVRHRETCELYALKVQHCNGDATAEAEVLSRTASPFVVRCHSVLPAAAS

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DVKPGNLLVSTGGEVKIADFGIARVLPRAGGDDVRCTAYAGTAAYMSPERFDPEAHGGHY

DPYAADVWGLGVTVLELLMGRYPLLPAGQRPSWAALMCAICFGETPALSDGEASAELRGF

VAACLHKDYRRRASVAELLAHPFVAGRDVAASKCALRKLVTEASMSP\*

>Adi-12MKK10-2 Brdisv1Adi-121010560m.p

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GGTVYKARHRRAAAQPPVALKLFVAGDPSAAREAEILRLAADAPHVVRLHAVVPSSSPAA

GAEQPPPAALALELLPGGSLAGLLRRLGRSMGERPIAAVARQALLGLDALHALRVVHRDL

KPSNLLLGSHGEVKIADFGAGKVLRRRLDPCASYVGTAAYMSPERFDPEAYSGDYDPYAA

DVWSLGLAILELYLGHFPLLPAGQRPDWAALMCAICFGDAPEAPAAASEEFRDFVARCLE

KKAGQRASVAELLEHPFIAERDAEEAKRALAALVAEAELGDL\*

>Adi-12MKK10-3 Brdisv1Adi-121001567m.p

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PGNLLVSTGGEVKVADFGIAKVLPRAGADDARCKSYAGTAAYMSPERFDPEAHGGHYDAY

AADVWGLGVTVLELLMGRYPLLPAGQRPSWPALMCAICFGETPVLSDGEASAELRGFVAA

CLRKDHTKRASVAELLAHPFVAGRDVATSKCALRKLVTEASTSP\*

>Adi-12MKK10-4 Brdisv1Adi-121001560m.p

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ANLLLSAAGEVKIADFGIAKVVVSGAGGRARALAYEGTVAYMSPERFDSERHADADPYAA

DVWGLGVTLLELLMGRYPLLPAGQKPTWAALMCAICFGELPALPEGAASLEFRGFVAACL

RKDHRKRASVVELLAHPFVAGRDVAASRRALREAIERRCSC\*

>Adi-12MKK10-5 Brdisv1Adi-121001564m.p

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LLELVDGGSLDSVRRGVGVSVFFPEAALAEVAAQALAGLAHLHARRVVHRDIKPANLLVS

GAGGVKVADFGIAMVLPSRAGGERCAAAYEGTVAYMSPERFDSEGRAGADPRGADVWGLG

VTVLELLMGRYPLLPAGQKPTWAALMCAICFGELPALPEGAASTELRGFIAACLRKDHTK

RASVAELIKHPFVAGRNMAASRLALRRLVAGA\*

>Adi-2MKK1 Brdisv1Adi-21008032m.p

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QYVVTCYQCFYVNGVISIVLEYMDGGSLADFLKTVRTIPEAYLAAIFKQVLQGLMYLHHE

KRVIHRDLKPSNILINHRGEVKISDFGVSAIIASSSAQRDTFTGTFNYMAPERISGQKHG

YMSDIWSLGLVMLECATGNFPYPSPDSFYELLEAVVDQPPPSAPTDQFSPEFCSFISACI

QKEATDRSSAQVLSDHPFLSMYDDLNIDLADYFTTAGSPLATFKQIVL\*

>Adi-2MKK3-1 Brdisv1Adi-21029486m.p

MAGLEELKKKLQPLLFDDPDKDGISTRVPFLEDNCDSYVVSDGGTINLLSRSFGEYNINE

HGFHKRSTGADESDFGEKAYRCASHDMHIFGPIGNGASSVVQRAIFIPVHRILALKKINI

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DDPSPTPPADAYSPEFCSFVNDCLQKDPDARPTCEQLFGHPFIKRYENAGVDLIAYVKGV

VDPTERLKEIAEMLAVHYYLLFNGSDGLWHHMKTFYMEESTFSFSGNVYVGRNDIFDTLS

SIRKKLKGDRPREKIVHVVEKLHCRANGETGIAIRVSGSLIVGNQFLVCGEGLQAEGMPS

VEELSIDIPSKRVGQFREQFMMLPGISMGSFHISRQDLYIIQA\*

>Adi-2MKK3-2 Brdisv1Adi-21044561m.p

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VNPEERLKQIAEMLAVHYYLLFNGSDGLWHHMKTFYMEDSTFSFSGNLYVGQSDIFDTLS

NIRTKLKGDRPREKIVHVVEKLHCRANEETGIAIRVSGSFIVSNQFLICGEGLQAEGMPS

LEELSIDIPSKRVGQFREQFIMHPGRSMGCYYISRQDLYIIQA\*

>Adi-2MKK3-3 Brdisv1Adi-21032560m.p

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HRVLALKKINIFEKERRQQILNEIITLSEACCYPGLVEFHGVFYTPDSGEIYFALEYMDG

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GVDLSEYNKSVHDPSERLSQIAHMLAVHYYLIFDGGDDQWCHMKTFYQQDSIFSFSGETH

VGKSEIFETLSRIRKMLKGNSPCEKIAHVMEKVYCRSHGEEGMRVRVSGSFIVGNEFVVC

ADGVRAEGMLSIDELSPDILSKQAGHFQEDFFMEPGTALGCYVISKQELHIADT\*

>Adi-2MKK4 Brdisv1Adi-21006537m.p

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SLSSMGAPTPPNSAGSAPPPPPPLAELERVRRIGSGAGGTVWMVRHRPTGRPYALKVLYG

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GTIAYMSPERINTDLNDGAYDGYAGDIWSFGLSILEFYLGRFPLGENLGKQGDWAALMCA

ICYSDSPAPPPIASPEFKSFISCCLQKNPARRPSAAQLLQHRFIAGPQPQVLAAPPS\*

>Adi-2MKK5 Brdisv1Adi-21007328m.p

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AAAAPPPPPLGELERVRRVGSGAGGTVWMVRHRPTGRCYALKQLYGNHDDAVRRQIAREI

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LHRRHIVHRDIKPSNLLIDSARRVKIADFGVGRILNQTMDPCNSSVGTIAYMSPERINTD

LNDGAYDGYAGDIWSFGLSILEFYLGRFPFGENLGKQGDWAALMVAICYNDPPEPSAAAS

PEFRGFISCCLQKNPAKRLSAAQLLQHPFVAGPQPLPLAAPPS\*

>Adi-2MKK6 Brdisv1Adi-21012376m.p

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KVEDVQLSMDDLEMIQVIGKGSGGVVQLVQHKWVGTFYALKGIQMNIQEAVRKQIVQELK

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LLYLHHERHVIHRDIKPSNLLVNHKGEVKITDFGVSAVLASSIGQRDTFVGTYNYMAPER

ISGSSYDYKSDVWSLGLVILECAIGRFPYTPSEGEGWLSFYELLEAIVDQPPPGAPADQF

SPEFCSFISACIQKDPAERMSASELLNHAFIKKFEGKDLDLRILVESLEPPMNVPE\*

>Adi-2MKK10-1 Brdisv1Adi-21001745m.p

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DPYAADVWGLGVTVLELLMGRYPLLPAGQRPSWAALMCAICFGETPALSDGEASAELRGF

VAACLHKDYRRRASVAELLAHPFVAGRDVAASKCALRKLVTEASMSP\*

>Adi-2MKK10-2 Brdisv1Adi-21011441m.p

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KKAGQRASVAELLEHPFIAERDAEEAKRALAALVAEAELGDL\*

>Adi-2MKK10-3 Brdisv1Adi-21001643m.p

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SGDVAMLLELVDGGSLDSIVKSRRAHAFPFPEEALAEVAAQALSGLAYLHARRIVHLDIK

PGNLLVSTGGEVKVADFGIAKVLPRAGADDARCKSYAGTAAYMSPERFDPEAHGGHYDAY

AADVWGLGVTVLELLMGRYPLLPAGQRPSWPALMCAICFGETPVLSDGEASAELRGFVAA

CLRKDHTKRASVAELLAHPFVAGRDVATSKCALRKLVTEASTSP\*

>Adi-2MKK10-4 Brdisv1Adi-21001640m.p

MASAKERRLPQLHLKLDVPPCAFRCAAPAPAPATAATPATSASRPPHGEFRLNDFDRLSV

LGRGNGGSVYKVSHRRTSALYALKIIHGAHARPGAADEEADIVRRVVDSPNVVRCHSVLP

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DVWGLGVTLLELLMGRYPLLPAGQKPTWAALMCAICFGELPALPEGAASLEFRGFVAACL

RKDHRKRASVVELLAHPFVAGRDVAASRRALREAIERRCSC\*

>Adi-2MKK10-5 Brdisv1Adi-21001642m.p

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GAGGVKVADFGIAMVLPSRAGGERCAAAYEGTVAYMSPERFDSEGRADADPRGADVWGLG

VTVLELLMGRYPLLPAGQKPTWAALMCAICFGELPALPEGAASTELRGFIAACLRKDHTK

RASVAELIKHPFVAGRNMAASRLALRRLVAGA\*

>Bd18-1MKK1 Brdisv1Bd18-11008720m.p

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SLDDLDAIKVIGKGSSGIVQLVRHKWTDQFFALKVIQLNIQESIRKQIAQELKISLSTQC

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QKEATDRSSAQVLSDHPFLSMYDDLNIDLADYFTTAGSPLATFKQIVL\*

>Bd18-1MKK3-1 Brdisv1Bd18-11041331m.p

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>Bd18-1MKK3-2 Brdisv1Bd18-11006956m.p

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LEELSIDIPSKRVGQFREQFIMHPGRSMGCYYISRQDLYIIQA\*

>Bd18-1MKK3-3 Brdisv1Bd18-11026234m.p

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SRSSDEYNINERGFHKRTIRSDDEYSSEKAFRCSCHDMHIFDSVGNGASSVVHRAIYVPV

HRVLALKKINIFEKERRQQILNEIITLSEACCYPGLVEFHGVFYTPDSGEIYFALEYMDG

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GVDLSEYNKSVHDPSERLSQIAHMLAVHYYLIFDGGDDQWCHMKTFYQQDSIFSFSGETH

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ADGVRAEGMLSIDELSPDILSKQAGHFQEDFFMEPGTALGCYVISKQELHIADT\*

>Bd18-1MKK4 Brdisv1Bd18-11033291m.p

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SLSSMGAPTPPNSAGSAPPPPPPLAELERVRRIGSGAGGTVWMVRHRPTGRPYALKVLYG

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>Bd18-1MKK5 Brdisv1Bd18-11007870m.p

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AAAAPPPPPLGELERVRRVGSGAGGTVWMVRHRPTGRCYALKQLYGNHDDAVRRQIAREI

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LNDGAYDGYAGDIWSFGLSILEFYLGRFPFGENLGKQGDWAALMVAICYNDPPEPSAAAS

PEFRGFISCCLQKNPAKRLSAAQLLQHPFVAGPQPLPLAAPPS\*

>Bd18-1MKK6 Brdisv1Bd18-11012730m.p

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KVEDVQLSMDDLEMIQVIGKGSGGVVQLVQHKWVGTFYALKGIQMNIQEAVRKQIVQELK

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ISGSSYDYKSDVWSLGLVILECAIGRFPYTPSEGEGWLSFYELLEAIVDQPPPGAPADQF

SPEFCSFISACIQKDPAERMSASELLNHAFIKKFEGKDLDLRILVESLEPPMNVPE\*

>Bd18-1MKK10-1 Brdisv1Bd18-11001858m.p

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DPYAADVWGLGVTVLELLMGRYPLLPAGQRPSWAALMCAICFGETPALSDGEASAELRGF

VAACLHKDYRRRASVAELLAHPFVAGRDVAASKCALRKLVTEASMSP\*

>Bd18-1MKK10-2 Brdisv1Bd18-11011845m.p

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