

candidate	spots (2D gel)	protein sequence	type
PRM-1	U1, U2	MRAFQVLSAALVATAAHGQLLSGYRTYGSSGGYG GAYNLGTYGLGGVSYGASYAPTSVRYSTGYTPSAV SYGSTYGAPVGVAYSSRRVVSNAVPAITTTSVGAA PAIAVSTVPTAVNTISYGLGVNRGISYGFGGGLSRGI SYGLGGGAGGLTTAGGVVATGTGGGVRSHEVH TGGAGNVVRVEEYKAGGQLIRVHDSAQPAAEVVD VQGPVAVAGNHVRLVSRTGGTQVERVVHQDPSVQT FDVVNPPQPADRVVNIRRAPPPAATVELVAEHHQQ AVPEVVVGDEPNVQVQHVGGGAGVAVGGASLS YAAAPVAHVQTVHAAPTVSVAAPVASYATRVH TVQAAPASVAAAPVATYATRVHAAPAVSYSTVGV PAATYGTSGTSGTYGSLGSTLYGTGLGSTVYG SGLGSTVYGSLGNTLYGSYSSGLGRNVYGTSGS YGSSLGGNSFGTTAVLSKKA*	Complete
PRM-2	U2	SSSAYRKMPRSPPPPPDHHRSRHRGDPYIDHPGY PSGHQSSSSSHQPPRKSSYGSYRILLASNLNYKVND NLMRQALEDEFGRFGDLTVKLSQDAGDRVAYLYFR SYEEAKEARHAKSRMILFDKPIHIEPIVEPPRRKRTP SPPMDYRGMSPMTTRRRPPSMDRMPMYHHRGEH HH	Internal
PRM-3	U3	PTSNMGLRRSCWAQALLGLGLVALTNAQQQIGKE YRYSYTGHMVVVSTTMHTQKPGMAFRSNVRVQRI VDNTYGLKIEDFEVATANERETDWSETEKMAFVKN ERLSSMVERPFLVHLERTENLSTYEFKSLETHSDDPV WSTNIKKGLVSLTLHVFDNDEQYSSVEPTVYGKC NVHWHRQSKPHWTRPD SKVLNISRAIDHENCETVA NRVYGSVMGTPCMDGSCQRHHTYPVSTSSQAKY SLVAASGDTNNWILETARDNSVFTHAPHTENGNVL KLKTAQRMRLIDTVDATEKLEIVGETQVDDQLMMH	5prime__ partial

FTKRWRLEERSVDLDKADDFVLDWDIRGCSNGTIAL
QKLRSRLNADDNQLGMFDNNVAETFSAAIEMMYL
LDREQLAVVYDRIVKAAPEAELEQAQRLFVEVASAA
GSTTAMKFVMDKFQAGDISVRFRMPFLSGITRGLFD
RTSGALEIFENFCTSDQMKALPEERRQCLLAYTALVY
DTYRLEHFNVQKHERKDTRETIFKRIVPEYSVAVEEG
REAFKTYMLIAGNLKTASSVEFLARAVLDEKLDRLTA
MDAMRTLIMTADNSEVARKAALTVYADSSKPAELR
MLAAIVIMRSNPPLSVFYSMADRLLHEKSDQVRSYV
VSMFKELSQTTHPFRHLANKAHYVAPKLEARLPSE
WKRKDYLTSHTKLASGYDPKYDHGGHSIISMIMSD
SYVPRDLYVNFGDFFAGFFFDNFGMSISQQGMERLI
DHFNNPRTFGNKFGRNLWNMAGRRRQTRDAASV
EHAMDEIDSTLNIHTKKYDPMRLDMTFSAFGENIHT
VSLNESFFLPLSPDYKPGTLLNKILSTERDMHSFKNLR
DMTFMIPTAIGMPAWFDVQLPTVLSCRRKESSDFG
NEGALKLKLDQRIVMDAQLEESLRFVPGQLQVSLGV
GFKRRALNLPIKLDVDANVATGKVVMNQDFVLPR
DIMRYKFEPYTIEDNFKEPEKTTYLALFKDEELVEFKS
QPLKDLLGIDFFLEGKQLPKSVLSWDFSQWLKSDIRQ
KLYYAIVNPKWRPRSLSAAPAKEHPTTGRVLTFKH
KMTPEATERPGSRFEFEKDLPESEFVHVIVSNELTS
SKKRRADLEVRYSTPNRVEHWIQLFYDRTPLSSQD
TDHTKLCMVAKVKQTTTDWEKLTKEQVMHVNDG
QRMDVLMNLQYGKSKCTGDEPDASSLQMLARAT
YEHSDQKRWLSELTGETRSRVHGLENPYMKFYTK
CIKYLEKGLLMPFACHKFIVHTSQLNNMTLDVEVND
RAHVLTNPCMSTLRAYLAAQYDANLRMFAPQRNV
SRPGHWHMNSVVREPCINQLADIAIVGPYHSSFW
ESVPVSWGAWAPRTATHLGSTNMQSYSRKWFH
RYCDIQLNSVATFDNVVYELPETNCWKVLAKDCSE
MKVFTLLGRANADKKKEIRLLVDKYEVLKNVDGKI
VLTNGAEVLAERQPKLVKNENGFTLVILNKGHG
LMQIDAPIYGIYMLAMDSAAFIQVAPYYRGKLCGL
CGNFNLDQRQHEFHTTDGCHHRTPWSEFARNFVIPS

QCAPVPEATDAGQPYCPAH*			
PRM-4	U4, U6	<p>MAGNFSYLTPELQAE LRNTANKIVAPGKGILAADES TGTMGKRLASIGVENTEELRRKYRQMLFTSDKLLDS CISGVILFHETLYQKADDGTPFVKILQDRGIIPGIKVD GVVPLMGTTDETTTQGLDDLSKRCAYYKDGCRF AKWRCVLRIRKDAPTPLAVLENANVLARYATECQK NGIVPIVEPEILPDGDHDLVTCQKVTEKVLAAVYKAL SDHNVFLEGTLLKPNMCTPGQSCPVKSGPIDIAKAT VTALQRTVPAAVPGIVFLSGGQSEEEASVNL DAMN RLQGKKPWALSFSYGRALQASAIKAWGGKDENLK AGQDELLKRAKANS DASLGKYEGGVKGAAAEDTL FIKDHQY*</p>	Complete
PRM-5	U5, U6, U7, U8	<p>MVDQAVKDKLEAGFAKLQGAADCKSLLKKYLTRG VLDQLKDKKTAMGATLLDVVQSGMENLDSGVGV YAPDAESYKTFAPLFDPIIDDYHQGFKPTDKHPQSD FDLNLQLVNVDPEGKFVISTRVRCGRSLQGYPFNPC L TEAQYKEMEGKVSSTLKALEGELKGTYYP LTGM DK ATQQQLIDDHFLFKEGDRFLQAANACRYWPAGR GI YHNDAKTFLVWCNEEDHLRIISMQKGGDLKQV FGR LTA AVKAIESKL PFSRDDRLGYLTFCPTNLG TTIRASV HIALPKLAADRAKLEEVASKYSLQVRG TRGEHTESE GGVYDISNKRRMGLTEFQAVKEMQD GILEMIKLEK AAA*</p>	Complete
PRM-6	U5, U7	<p>MDQETLKKAIAVPALAVLCYVAYQGSNAIKNALA RKEVPQDVKDKLQAGFQKLQTSTQCKSLLKKYLTK EVLDKLQDQTTRMGATLLDVVQSGFANIDSGVGVY APDAESYTVFAALFDPIIDDYHQGFKSTDRHPATDF GDLSSFNVDPEKKYVISTRVRCGRSLQGYPFNPC LT EAQYREMEDKVSSTLKNLSGELKGTYYP LTGM NKS TQQQLIDDHFLFKEGDRFLQTANACRYWPTGR GIF HNDAKSFLVWVNEEDHLRIISMQQGGDLKEV FTRL VEGVKAIESKL PFSRDNRLGYLTFCPTNLG TTIRASVH IKLPKLAANKARLEQVASKYNLQVRG TRGEHTESEG</p>	Complete

		GVYDISNKRRLGLTEYQAVKEMQDGVLELIKLEAAA Q*	
PRM-7	U5, U7	MFFDDDDDESSHPIPPSNEGTESEKTFSPSLLVV RRACPRMFCLWEAVLVAETSNAIKNALARKEVPQD VKDKLQAGFQKLQTSTQCKSLLKKYLTKEVLDKLQ DQTTRMGATLLDVVQSGFANIDSGVGVYAPDAES YTVFAALFDPIIDDYHQGFKSTDRHPATDFGDLSSFV NVDPEKKYVISTRVRCGRSLQGYPFNPCLTEAQYRE MEDKVSSTLKNLSGELKGTYYPLTGMNKSTQQQLI DDHFLFKEGDRFLQTANACRYWPTGRGIFHNDAKS FLVWVNEEDHLRIISMQQGGDLKEVFTRLVEGVKAI ESKLPSRDNRLGYLTFCTNLGTTIRASVHIKLPKLA ANKARLEQVASKYNLQVRGTRGEHTESEGGVYDIS NKRRLGLTEYQAVKEMQDGVLELIKLEAAAQ*	Complete
PRM-8	U5, U7	MSQRSNAIKNALARKEVPQDVKDKLQAGFQKLQT STQCKSLLKKYLTKEVLDKLQDQTTRMGATLLDVV QSGFANIDSGVGVYAPDAESYTVFAALFDPIIDDYH QGFKSTDRHPATDFGDLSSFVNVDPEKKYVISTRVR CGRSLQGYPFNPCLTEAQYREMEDKVSSTLKNLSGE LKGTYYPPLTGMNKSTQQQLIDDHFLFKEGDRFLQTA NACRYWPTGRGIFHNDAKSFLVWVNEEDHLRIISM QQGGDLKEVFTRLVEGVKAIESKLPSRDNRLGYLTF CPTNLGTTIRASVHIKLPKLAANKARLEQVASKYNLQ VRGTRGEHTESEGGVYDISNKRRLGLTEYQAVKEM QDGVLELIKLEAAAQ*	Complete
PRM-9	U7	MPNIKVFSGSSHCDLAQRIVDRLGINLGKVVLKKFS NQETCVEIGESVRGEDVYIIQSGCGEVNDNLMELLI MINACKIASASRVSAVIPCFPYARQDKKDKSRAPIS AKLVANMLSVAGADHIITMDLHASQIQGFFDIPVDN LYAEPVCLKWIRENISDWRNAIIVSPDAGGAKRVTSI ADRLNVEFALIHKKERKKANEVASMVLVGDVRDKIAI LVDDMADTCGTVCHAADKLVEAGAQQVYAILTH GIFSGPAIQRINSAAFEAVVVTNSIPQDQHMKDSPK	Complete

		VQCIDVSMILAEAIRRTHNGESVSYLFHVPM*	
PRM-10	U9	MRPFVGILRAGARYHRSVGGQRRQLNHLARTTFS QTLFNPETRVTTLANGVRVASEDNGAPTATVGIWI DAGSRYETEKNNGVAFLEHMAFKGTGKRTQTQL ELEVENAGMHLNAYTSREQTVYYAKCLRKDLANA VDIVADITQNPKLGEQEIERERGVILREMEEVEGNLQ EVVFDHLHAVAYQGTPGLTILGPTKNIKSLQRQDLK DYIDTHYTGSRIVLACAGGVDHDELVKLAEQHFQK VGTGFDQQIIIPSPCRYTGSEVRVRDDDMPFHVAI AIEGAGWTNPDNIPLMVANTMIGSWDRSHGGGA NASSRLAAVAATDEHRTMHSEFQSFNTCYKDTGLW GVYFVANGDEHLDDCMSAVQNEWMRICTECVEA DVTRAKNLLKTNLLLQLDGTTPCEDIGRQMLCYGR RIPLHELEARIDAVTANTVRDVALKYIIDRCPVVAAV GPVSGLIDYVRIRSQMYRLRY*	Complete
PRM-11	U10	ATTTTTSTTTMTTTRSPHFAQALVPIKTLACRITGTIS RRRLRHYTRSQQPPSTMRTLIVLAALVAAASAIQH ASSVAKAKKGCDGVPINGDIGWVKVPCDKTNQA AKAIGLGEGAEFLGSSRLSGFVGAESYAIHGKIDGK CCSQRVTKIAGTATEHPFKAQEDELCCHETCPTWM EKC*	5prime__ partial
