

AtSRFR1	1	MATATATSERFELAKHCSSRNWSKAIRVLDSSLAKE-SSILDICNRAFCYNQLELHKHVI
OsSRFR1	1	-----MGSERAEARVCGGRNWSKAIRTLDAHLARSPSSIHDLCNRAFCYSQLELHKHVV
MmSRFR1	1	-----MAPAGCGCGCS-----GSLGAAVVRP-----
HsSRFR1	1	-----MAPAGCCCCCFWGGAAAGAARRVL-----
AtSRFR1	60	KDCDKALLLEPFATQAFILKGRALLALGRKQEAFLVLEQGYKSALQQTADVQKQLELEEL
OsSRFR1	56	KDCDRALELDPALLQAYVLKGKALSALCKREEALAVWEQGEVAVRDTMDLKQLELEEL
MmSRFR1	22	-----LLLLLG-----ALAC-----ARATHYSPLSLKQKE
HsSRFR1	28	-----LLLLLG-----VLSAGLRPGALATEHYSPLSLKQKE
AtSRFR1	120	LKDARREIDGILKSHATESPOETPAYHSEKSDKSDKLDNHESGASSNNSHESSELGE
OsSRFR1	116	VSSVK-----ICETIECEDRVVDASPCDTKVVISDRVVDTSCTATTMAD-----
MmSRFR1	48	LQHRQ-----QQEAPAGGG--CPQSGDWADQY-PEC-----
HsSRFR1	59	LQHRQ-----QQEAPAGGGGCSPQSGDWGDQYSAECG-----
AtSRFR1	180	QSKIVSFSKVASKASKQSDGNSDLONGSVYKEKENGKCGSQINGYYESCKPCNGSDLHDN
OsSRFR1	161	-TKTVVCEENIGNSGVISNGAVILAND--NKADNNKECSSPTKDTTGTHHTPKKTKPK
MmSRFR1	76	-----ESSFLNFHESDCELRGSAPCDS
HsSRFR1	91	-----ESSFLNFHSDCEPKGSSPCDS
AtSRFR1	240	LAESSDRFGELSGINGKISIKSSKMSHKAEARCGISDESRKNKKYTIARISGTHSISVDF
OsSRFR1	218	KSKAK---GRKEINSQIEDVADSISSETVAVDQTLFASKISK-----SSKSISLDF
MmSRFR1	98	LLSLN---TEKILSQAKSIAEQKRF-----FATDNDSTNE
HsSRFR1	113	LLSLN---TEKILSQAKSIAEQKRF-----FATDNDSTNE
AtSRFR1	300	RLSRGIAQVNEGNYTKAISIFDKVLKEEPTYPEALIGRGTAYAFQ-----ELESATADF
OsSRFR1	267	RLSRGIAQVNEGRYDQAISIFDQILRETPTYPEALIGRGTAYAFQ-----ELDSAISDF
MmSRFR1	131	ELAIAYVLVGSGLYDEAIRHFSTMLQ-----
HsSRFR1	146	ELAIAYVLVGSGLYDEAIRHFSTMLQEEFDLVSAIYGRGIAYGKGLHDIKNAELAFEL
AtSRFR1	355	TKAIQSNPAASEAWKRRGQARAALGEVVEAVEDLTKALVFEPNSPDVLHERGIVNFKSKD
OsSRFR1	322	TKAIQSNPSAGEAWKRRGQARAALGEVVEAVEDLTKALVFEPNSPDILHERGIVNFKFKD
MmSRFR1	157	-----
HsSRFR1	206	SRVITILEPDRPEVFEQRAEILSPLGRINEAVNDLTKATQLQP-SARLYRHRGTLYFISED
AtSRFR1	415	FTAAVKDLSICLKQEKDNKSAYTYLGLAFASLGEYKKAEEAHLKSTQLDSNYLEAWLHLA
OsSRFR1	382	YNAAVEDLSTCVKROKKNSSAHTYLGLTLSALGEYKKAEEHLLGIKYDENFLDSWAHLS
MmSRFR1	157	-----EATEAFKEALKQKQVDFIDAYKSLG
HsSRFR1	265	YATAHEDFQQSLELNKNQPIAMLYKGLTFEHRGLLKEATESFKEALKQKQVDFIDAYKSLG
AtSRFR1	475	QFYQELADHCKALECEQVQLQVDNRVWKAYHLRGLVFHGLGEHRKATQELSIGLSIEN-T
OsSRFR1	442	QAYLDTGCPEKMLNVEKVLQIDNVFGKAYHLRGILYHGMGRHRSATKDLVSALKHESN
MmSRFR1	181	QAYRELGNFDAATESFQKALLLNQNHVQTLQLRGMMLYHHGSLQEALKNFKRCLQLEPYN
HsSRFR1	325	QAYRELGNFEAATESFQKALLLNQNHVQTLQLRGMMLYHHGSLQEALKNFKRCLQLEPYN
AtSRFR1	534	IECLYLRLGSCYHAGGEYRDAVKDYDATVDVELDAVEKQFVLQCLAF-YQELALYTASKVS
OsSRFR1	502	IECLYLRLASCHHAIGEYKAAIKDYDDVLDLELDSMDKQFVLQCLAF-YQELALYTASKAN
MmSRFR1	241	EVCQYMKGLSHVAMGQFYEGIKAQTKVMLNDPLPGQKASPEYLRVKYLRYSRYLHAHLD
HsSRFR1	385	EVCQYMKGLSHVAMGQFYEGIKAQTKVMLNDPLPGQKASPEYLRVKYLRYSRYLHAHLD
AtSRFR1	593	SEFLCEDIDGDIIDPMFKYWKRLHPKNVCEKVYRQPLRESLKKGKLLKKDLAITKQKA
OsSRFR1	561	LEFSQENIDDDVDPLFKEYWKRLHPKNVAEKVYRQPLRISLRSGRLNKQDFKFTKHQT
MmSRFR1	301	TPLTENIDSDLPGSFKDHWAKNLP---FLIDGYEEQGLQPHIRDVLHQNFEQYKPEVQ
HsSRFR1	445	TPLTENIDVDLPGSFKDHWAKNLP---FLIEDYEEQGLQPHIKDVLHQNFEQYKPEVQ
AtSRFR1	653	NILRFADLIGKRIQYDCPGFLPNKROHRMAGLAVIETAKVSKAWRIEWRNSTKGTTKNG
OsSRFR1	621	TLILAADSIGKKIQYNCRGFLPNQRQYRMAGLAAIETAKVSKAWRFLRN-----PKNNA
MmSRFR1	358	ELICVADRLGSLMQYETPGFLPNKRIHRAMGLAALEVMAVHRTW-----TN
HsSRFR1	502	ELICVADRLGSLMQYETPGFLPNKRIHRAMGLAALEVMAVQRTW-----TN

AtSRFR1 713 KKNRRRERTNLSQNRGGAGCSSSFSESTGYASLEDRSSGRSILSWQDVYSPAVRWQR
 OsSRFR1 676 KLVRRRDKLN-ACQNRGGY-CSTSTLSSSPT-SSPNEDRISSGISLSWHDVYNTAVKWRQ
 MmSRFR1 405 SKVRMNGKTR-----LLQWRDMEDIAVKWRR
 HsSRFR1 549 SKVRMNGKTR-----LMQWRDMEDIAVKWRR

AtSRFR1 773 ISEPCDPVVWVNKLSEEFNS-GFGSHTPMVLGQAKVRYFPNYERTLTAKSIITKDKLSV
 OsSRFR1 733 ISEPCDPVVWINKLSEEFNS-GFGSHTPMLLGQAKITRYYPYQSVLEAAKNIMLDLKYSV
 MmSRFR1 431 IADPDQPVWLWDQMPAPSLSRGFNNHINLIRGQVINMRYLEYFEKILHETKDRILVYHGA
 HsSRFR1 575 IADPDQPVWLWDQMPARSLSRGFNNHINLIRGQVINMRYLEYFEKILHETKDRILVYHGA

AtSRFR1 832 RSKKDKVIDLSKDEKLEKIMRAETCDELHNIVGED-FWVATWCDSTGSEGKRLEGTRITC
 OsSRFR1 792 NNAEDRAIFLTDIEKLEKIEVASSCELYHIVGET-MWVSTRCDSTAFQGRLEGTRITC
 MmSRFR1 491 NNPKGLEEVREALEKVHKVEDLLPIMKQFNTTKTKDGETVNTKVPSTLKDQGKEYDGFITIT
 HsSRFR1 635 NNPKGLEEVREALEKVHKVEDLLPIMKQFNTTKTKDGETVNTKVPSTLKDQGKEYDGFITIT

AtSRFR1 891 IQKPGRLGYDFSIRTPCTPARWSD-DEEMTSAWEALCTAYCGENYGSTELDALETVRDAI
 OsSRFR1 850 TQNMGTGFDFAIRTPCTPSRWEEYDEEMSAWEALCBAYCSDTNPTRPDMLDAVKAAI
 MmSRFR1 551 TGDKVGNIILFSVETQTTEERTQLYHAEIDALYKDLT-AKGKVLTLSEFGEADAVCNLI
 HsSRFR1 695 TGDKVGNIILFSVETQTTEERTQLYHAEIDALYKDLT-AKGKVLILSSEFGEADAVCNLI

AtSRFR1 951 LRMTYYWYNFMPLARGIAVTGCFVVLIGLLLAANMEFTETIPKG-----
 OsSRFR1 910 LRMTYYWYNFMPLSRGSAVVGYYVVLIGLFLAANMDVTASIPHG-----
 MmSRFR1 609 LSLVYYFYNLMPLSRGSSVIAYSVIVGALMASGKEVAGKIPKGKVCWAGGGTGMAAPRPG
 HsSRFR1 753 LSLVYYFYNLMPLSRGSSVIAYSVIVGALMASGKEVAGKIPKG-----

AtSRFR1 994 -----IQIDWEAILNVEPGSFVDSVKSWLYPSLKINTSW
 OsSRFR1 953 -----VQVDWEAILSQDPTFVDKIKFWLYPSIKTSRNL
 MmSRFR1 669 LLAVDRMRARPHTISFLLSRPAPPLFQLVDFEAMTAPGSEAFSKIAKSWMN-LKSISPSY
 HsSRFR1 796 -----KLVDFEAMTAPGSEAFSKIAKSWMN-LKSISPSY

AtSRFR1 1028 RDHTEISSAFSTTGAVVAALSTYND-----
 OsSRFR1 987 KDYADVSVAFSTTGSVVAALTCVDI-----
 MmSRFR1 728 KTLPSVSETFPTLRSMIIEVLNTDSTPRCLKKL
 HsSRFR1 829 KTLPSVSETFPTLRSMIIEVLNTDSSPRCLKKL