

CLUSTAL format alignment by MAFFT (v7.390)

AROM_domain	NFPDEEFKTLRELYD---IALKNG--VEFLDL---ELTLPTDIQY-EVINKRGNTKIIGS
FbMV1_AROM	SYKGSV-RASTETIP----LAFNPFINFYD--KMDFRAPTTTFLSHKGSPSNLSYKGI
TcMV_AROM	KFTGDR-DGLRALMR---FALKFNPFVEFNKL-DKKS LAPTKFIMSRASPSNKVSWFGI
BcMV3_AROM	PFKGS I-NEFNDI IQGPVFSIFFDRLNGFPELVKKS NLAPSKVRLLRSSSSSNVSWHGI
FpMV3_AROM	PYKGSV-DYLNKCLE---ISLNTKWQASIQKICQNHNLAPTTFHMSGKASPSNVNSSTGI
Sl aMV5_AROM	PFSGSE-LFLNDLIS---LSL KTPWPKN LLEIASKHNLAPTSFHFSGKASPSNVNSSQGL
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AROM_domain	HHDFQGL-----YSWDDAEWENRFNQALTLDVDVVKFVGTA VNFEDNL--RL
FbMV1_AROM	LTDFCTLKYSSVRLSEIDFSRPKHSPIDNLLKYTDLLEV-EGRLP-----L-RRF
TcMV_AROM	LTDRLL-----REGSPRLWENIQAYLTMVGADQFRFD--LDYACSLADRL
BcMV3_AROM	ITDSWNI-----SNSKEMSSNVS NYLAS IKA-----LGWNT
FpMV3_AROM	LSDIYYL-----LAHPDGAFVFSN ILKHLEIVGS-----V-WNT
Sl aMV5_AROM	LSDIYYL-----LSHPEGDIVVYNLLNYLDNIGV-----V-WNT
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AROM_domain	EHFRDTHKNKPLIAVNMTSKGSI SRVLNNVLT PVTSDL LPNSAAPGQLTVAQINKMYTSM
FbMV1_AROM	RSVTSSTD-----TTASSLK--SEGTSLNTKVS MRNG-----TSQFAVKEEAA
TcMV_AROM	KSFDDKVDSSQGQW---IRQVSKSGQVL TQVDSMKSKDSIRGHGIGPGLGLSQFALKEEAA
BcMV3_AROM	MWFNSKLN-----EMIELGDRLNQVGSLKTKKSLSGQ-----FGQFSLKEEAA
FpMV3_AROM	QSFLQRLN-----DGAEIVKRM--SSIQTKCSMRNP-----FGQFAIKEEAA
Sl aMV5_AROM	KMFLSRLN-----DAKDIILRLPE-GSLPFKKS MVTP-----FGQFAIKKEAA
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AROM_domain	GGIEPKELFVVGKPIGHSRSPILHNTGYEIL-GLPHK--FDKFETESAQLVKEKLLDGNK
FbMV1_AROM	GKL---RVFATLDSMSQSATKPTHEFLFDVTRRLPNDGTFD--QDASVKRSNEKFSQXGI
TcMV_AROM	GKI---RLFALMDSITQSVMSPLHDYMFAILRNIPNDGTFD--QEASIARSQEKAVTAGK
BcMV3_AROM	GKL---RIFAIVDSITQSLLSPLHDFMFDLLKKIPNDGTFD--QDLSVKRSQVKSLSGGK
FpMV3_AROM	GKV---RVFALVDSITQSVMKPIHLGLFKVLRHLPNDGTFD--QDASVTRCSEKASEAGK
Sl aMV5_AROM	GKI---RVFALVDSITQSVMKPLHLGLFAVLKQLPNDGTFD--QDASVTRCSIKAQQAGK
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AROM_domain	NFG---GAAVTIPLKL--DIMQYMDELTDAAKVIGAVNTVIP LGNKKF
FbMV1_AROM	AYSFD TSAATDRLPVDTTGSMLEQMVGIKGFSSSWKSI----MVD RDF
TcMV_AROM	AFSYDLTAATDRLPVILTAFILSTIVGIRTFGGLWRSI----LVKRPF
BcMV3_AROM	AFSFDLSAATDRLPVDLTVKILSKIFS-DEFGTSWKQL----MVNRDF
FpMV3_AROM	AFSFDLSAATDRLPVSLTGNIIESLFKIPGLSQSWQKV----MVD RNF
Sl aMV5_AROM	AFSFDLSAATDRLPVGLTGSIIESLFQITDLSNSWKS V----MVD REE
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