

logo

TrEFV	MPINSSQKVTWVPEMNSPHFSSSYSPIQLKNYFTGLMSPSLIEECKYSKNTYQNNQGHIEITITSNTVTSNTTIDFKKLLELENDPVIDPASTLSFSCDFLISEKAVVKTSKRYERRHHDYDDDDDEEDKNFQR
RhEFV1	
RhEFV2	
LhEFV	
LcEFV	
LbEFV	
LhFV	
LbFV1	
LbFV2	
EffV1	
EffV2	
PcFV	
PoFV	
CcFV21	MPINSSQKVTWVPEMNSPHFSSSYSPIQLKNYFTGLMSPSLIEECKYSKNTYQNNQGHIEITITSNTVTSNTTIDFKKLLELENDPVIDPASTLSFSCDFLISEKAVVKTSKRYERRHHDYDDDDDEEDKNFQR
CcFV22	
CcFV11	
CcFV12	

logo

TrEFV	LTEYLQRELENVDFDEIPQGHVENEELIDKQSSSEHHEDISDILHVQNNDELSQKHTIEHMEIEGEIEEQYENLNDVLFTTDQNNNDMRQQQYDEAFSNNSWNIETETIEVTAQ
RhEFV1	
RhEFV2	
LhEFV	
LcEFV	
LbEFV	
LhFV	
LbFV1	
LbFV2	
EffV1	
EffV2	
PcFV	
PoFV	
CcFV21	LTEYLQRELENVDFDEIPQGHVENEELIDKQSQEHHEDISDILHVQNNDELSQKHTIEHMEIEGEIEEQYENLNDVLFTTDQNNNDMRQQQYDEAFSNNSWNIETETIEVTAQ
CcFV22	
CcFV11	
CcFV12	

logo

TrEFV	ENTVNVQKIDTNISTPMS.EVLSIMHNTSM.YLMN.TDIGNYSNIEII.PSS.MELDISSNGTNTV.VIPPPSIIDDYH.NG
RhEFV1	
RhEFV2	
LhEFV	
LcEFV	
LbEFV	
LhFV	
LbFV1	
LbFV2	ENTVNVQKIDTNISTPMS.EVLSIMHNTSM.YLMN.TDIGNYSNIEII.PSS.MELDISSNGTNTV.VIPPPSIIDDYH.NG
EffV1	
EffV2	
PcFV	
PoFV	QQQQQQQQVLLYSMPMPQSVSSTLTNPQPDFSEISENQKYQHQQHQQHEHHHHHHHTQQELQNNQ.YCASPLHQQQQQQ.QQQQQQQQQQIPEAIYMTPNIEPTYLFSFSPFSPVT
CcFV21	EEQDQQRINTSIEGQDQQQINTTLHEQDH.QQIN.TSIEGQDQQRINTSIEGQDQQQINTTLHEQDHQQINTSIEGQDQHQIITLTEEQIPQLIILNQE.VPE.HQ
CcFV22	
CcFV11	
CcFV12	

logo

TrEFV	MSTSCKD.SSSSLKSSSS.STY.SAINSTT.IEWIDYLQLKNTQETKPRTIIRSTSS
RhEFV1	
RhEFV2	
LhEFV	
LcEFV	
LbEFV	
LhFV	
LbFV1	
LbFV2	LLNTE.LSY.ENSHLIN.NNDNSPSTIIDKNSTTPSITTTTNIINP.N.NTITESNIASQVNLNDE.NNFI.VIDNILYKQKNFFINNIPP.L.TIYKNSKFLLNYS
EffV1	
EffV2	
PcFV	RINNSN.DDITDDITL.EIFEQLLQQSERDTDAQSLYSTSTEPMVIDCDEETETVAAAAATFANNNVN.DADDDDDIFMYPVI.ETMVNQPTTKLSHFNNNTLNIET.CTKVSAKDAKQKMNMP
PoFV	TINNNASIQLQQQQQQQ.QQQQ.QQQLLEEQRQQQQQQQMEESTLAVENVNNEITTV.AELTEVCCDKIIINNNQKELQLPSQQSVEYCVAKKYENSNTFNFTVT.ASLIDSFN
CcFV21	QINTS.IEEQEQQQIITLTTEEQIPQLIILNQEQQVPEHQQINTSIEEQE.QQI.ITLTEEQIPQLIILNQE.QVPQFI.IQTNDSFLQKN.EVRIPNIS.L.L.KKAKRKFNDN
CcFV22	
CcFV11	DISTN.DNGAA.AATYEAVAAATIENEVAIETPLKETNEEAIVADHTESAQEPVPNNERSVENENTSNNEPE.IHPTI.VSVEKAAGN.EEVWTR.FKTKHS
CcFV12	

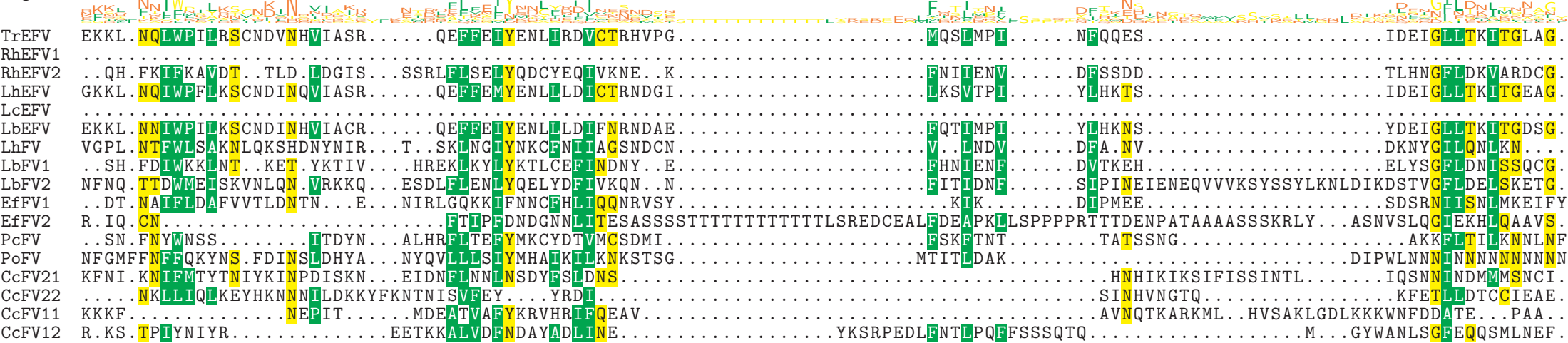
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TrEFV	LVCCEITIQSIQIDEAISTFFNCAKSN.MNIAMNDMDAFIIE.SLYTNLFHDLKRTINQTVQDLFEAMVTGKINLQAVKYKC.STL
RhEFV1	FMGVDCEKVVYFDVLKTLIDNTISK.TKISVTDSDGILLE.RVLISTENYKNINEIFNKITSSLLRQDYKLF.LVTEFSVEKFLPHKNI.TLLN.SLK
RhEFV2	FMGVDCEKVVYFDVLKTLIDNTISK.NKISVTDSDGILLE.RVLISTENYKNINEIFNKITSSLLRQDYKLF.LVTEFSVEKFLPHKNI.TLLN.SLK
LhEFV	LVCCEITIQSIQIDEAITTFNCTKNN.INVSMNDMVFIIIE.RMYINLHDLRRTNATDELFDIAVTRQINLQAVKYKC.TTL
LcEFV	
LbEFV	LVCCEITIQSIQIDEAISTFENCTKSN.MNVSINDMDAFIIE.TMYTNLQDLKRTINITNELFDGITNREINLQTIKYKC.SSL
LhFV	IGMCMCASKYSIDDIAYFINNLKNC.IBFNTDCNALILE.NVILGEKHYKITTKLEHIVKILKKNNSAFHNIKYEI.VEQK.SITTKLLQQ
LbFV1	FLGIECVENHEIENIISLLINNTISN.TSVTVSNSDGILIE.KVKYNLINSLKIEKSFQQIYNELVKKSVTKNL.YISKRVCQFLQNSDVYLLY.KEKK
LbFV2	FKGVLVKNFTLAKTITDIFNNTKSN.SKLVLHDCSAFFLE.NIHFENNYKDLVLKVFQDIKKLFQSDTFSKLKTSNKI.HPLSRMDVNCVIEQIEPSQRNVKMF.KENE
EffV1	BRVF.VEKYLMRA.SAKNT.A.FDFYYIR.DCFIS.DREDSTFRLFKKATKSSN
EffV2	
PcFV	LHTIMCISNYTHLDALEIENLSWQKGGGSHDKLMRQTSNCIVIE.NCIENQSVLKEINTLKYSLLSDINPQST.ALQSHSWTYRQ.ITDSAHEI.QSQLAIAYDFVDVPT
PoFV	EKCNEYLLQYQS.HLGRITTSQKKN.IDITANDVVVATTSTTTTTTDETSNIQHPLLNLTMCKNLTHNYDLRKHGK.LLSAFQR.GWHKKQRVKDFKIEQYFNLKMYVMIA.IDENK
CcFV21	DTDNDVVKNY.KRIKTTIDNNKMN.YFKKLPIVTDNLLITEP.RTLMPEPLNESQALNIKKIIPKPK.QYNELITLNNF.LHYRKETINQFLEENYKRKNNSNLGLV.KKNK
CcFV22	
CcFV11	FRNMITYKKIEDT.MSEAIKIHGTGFSH.SVEIYNVDITNRRNSKNILYSSYLWKGFEEKSIT.PKHTTLEYNKNDNVRTCHV.IDIKD
CcFV12	

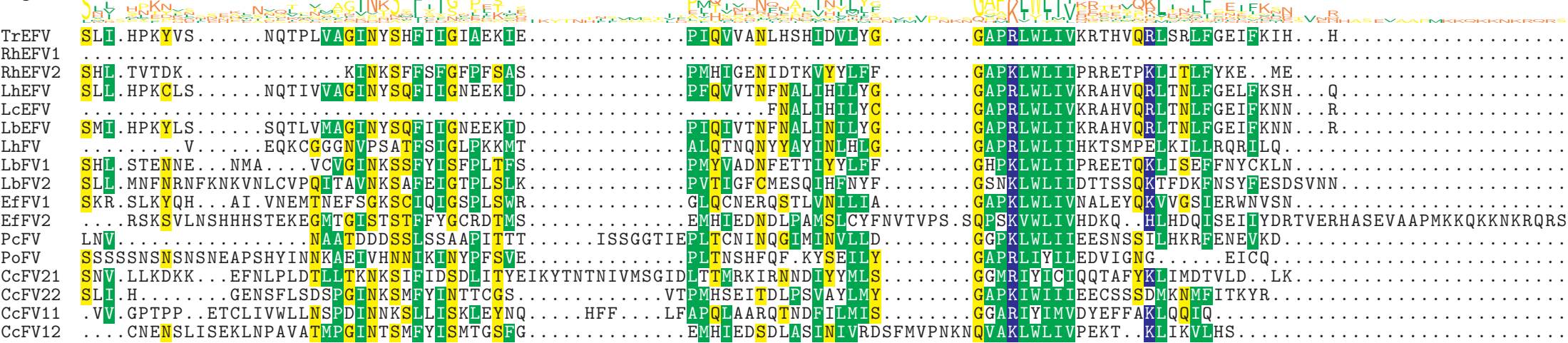
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TrEFV	.YNKMDIF.ELYNI.DTCVLNNAGN.ETFDWCRQRKRFGTYLQ.TFLQESSS.SSSSL.LRE.CIEQL.K
RhEFV1	.RESNDI.ESDVLLNNEC.NIVDKIN.EIINV.NV.SLQIDS.A.NEKIIN.ETLH.V
RhEFV2	.RESNDI.ESDVLLNNEC.NIVDKIN.EIINV.NVCCP.SLQIDS.A.NEKIIN.ETLH.V
LhEFV	.YNKMDIF.QTYNI.DTSVLNNIEC.ENSMWMRQRKLFGKYLQ.LFKQIS.SSSSL.LRN.YIEQL.R
LcEFV	
LbEFV	.YNKMDIF.QIYNI.DENLININ.ENHNF.KQKQKFGKYLQ.LLQQTT.SSSSL.LNK.YNEQL.K
LhFV	.VKQSRLF.NEYND.EESSSP.LQNQSIDNDYVGDIN.SESLKLINELKSLK.LNESMM.QKMKMRN.CDFD.KISKLLLED
LbFV1	KLNNFLIAKNLNNI.S.SQSFKDEL.LLEKQIN.NLMNV.NLNPT.KKDILI.K.NKNVLLRLEQINNT.S
LbFV2	SSSLSLC.NNSANDND.GIFKELA.KIIND.T.F.SKNVLI.Q.GHNIPEKLMNSIDKL.ND
EffV1	.ENANVIL.GRMELENDCMVGKYSDCLV.SRSEVVYKEFPVVLPE.SSDGNL.VGSYDDD.DDDDDD.DVTILYNFMRSVERVEEL.KTS
EffV2	.ENANVIL.EQVRGILYRDRDSY.LSTNKEDNLMVREQLRPLS.NYKDG.LLYLSRD
PcFV	ISKENINIAKAIYDH.AIISHNVAE.SKRKKTHLRVFFGYIDQ.LAVTAEQ.ST.SIAQTMKKITTM
PoFV	YANIS.DIVKFINESKFYFFYDI.SYDNR.NLDYAYFLKVKKQIDFSIHLNKFETLCDAI.DD
CcFV21	SYHHSFIFKCHPY.ECKKSHSNNR.NLVKTLT.M.ADCSKIFHITPCNFNV.SKDFGL.TIDEYRTLNNPDKLHDTKTLIIPN
CcFV22	IYKKS.KTYNDITENSVINISN.DLFNDCCNHI.DTDMNIETLNKYFNDLFNFQYESIFYSLEYKNYLMSLNEKYNPIDKIHKIIRDYLTEQQIDVGFFSGLNNEIELKRGV
CcFV11	.FAKKNYPV.KRWAVENLNNVFAKSVMGAFPDRIFKFNDD.NRVNMVSLTQPRV.TGECVDLTYSTQSAIKPVNLEELNKLVSV.SMEKHKKLNLKLCMPASLLTED
CcFV12	.VHNFF.KYIKQSDR.SL.TDGSVVTCSVLVAQEQNPLL.NFNLNEKLPHLTMYMKKT

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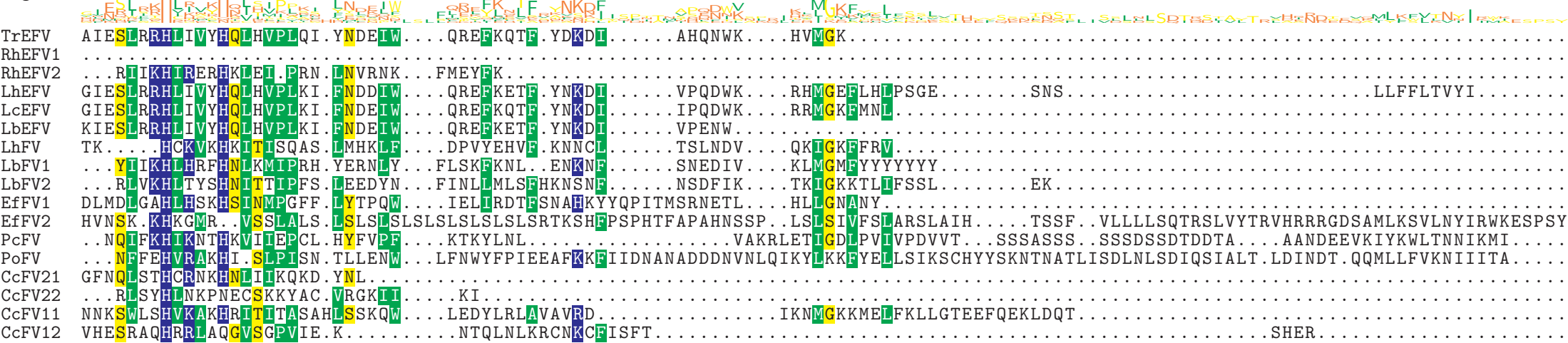
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TrEFV	EPKIDTEASFLFYELKRKNbSLFLBSYbEELRSTISTTINNTTSENTTDATTDRRAEDRYRERHbBbXYbPbPbNSbMYbNSCqAYbGyKNUbPbPbPbEDbHbYbRbGbPbAaCebCcbFyabNtKspHbwbbsCsb
RhEFV1	.....
RhEFV2	.....
LhEFV	.....
LcEFV	.....
LbEFV	.....
LhFV	.....
LbFV1	.....
LbFV2	.....
EfFV1	.....
EfFV2	EPKIDTEASFLFYLKNNKNSDIFLDSLDKLLKA.....RAYK.IKRTYRKTYASEFLFNNCRHLDNFKNVHQESY.....SPCGCSTAATRF.....KCYV
PcFV	.....TTDDGDDDDNNNKNTSPK.....MYLKCA.VNKYQNI..NKLV....INDKKTCKYCGKVFKQNWSKIRHENKQVCRK
PoFV	P.....SKKKNNKIILQTIECPLNDTISTTTINNTTTSNTTTDATTVNNSDTYDKKKLSVTVAFNSDAMKKQC.VKCYKLI..KNFDAHTKRCQGAQCEHCLKFFVNNTTKTFH.MKNSCKK
CcFV21	.....
CcFV22	.....
CcFV11	.....DDEDDDEEPERAVQIK.....TRHKC.MKCKKNINALGFDRHVFRCVGASCPFCGALFFSEKTCNNH..IPKCKK
CcFV12	.....

logo	
TrEFV	...
RhEFV1	...
RhEFV2	...
LhEFV	...
LcEFV	...
LbEFV	...
LhFV	...
LbFV1	...
LbFV2	...
EfFV1	...
EfFV2	...
PcFV	...
PoFV	LKK
CcFV21	...
CcFV22	...
CcFV11	NV.
CcFV12	...

- X acidic (-)
- X basic (+)
- X polar uncharged
- X hydrophobic nonpolar