

Group A formation proteins from randomForest analysis

>epi_00394

MSFNEIIFKNFKQNVTHYAIYLLSLVISVVLYFSFVTLKYAHHL
HGNQSFPAIKEGSQVGSYFLFIIIVVFLLYANFLFLKRRGRELSSLQIIGLTKKDIMK
MIMLEQLMTFMMTTIVGIILGIGSKILLMIVLRLLGINSVSIIIFNYHAILETLLLI
AVSYVLIVFQSYYVLLKRSIKELASDVNKKEFSHTRTLGEVVLGLLGIMIVSGYIM
STKLVDNVETIIQPFAILFLTVIGSYFFFRTSVSILFKAIQRLRNGTVSVDVMFTSP
IIYRVKKNAFSLTVMTVVAITVSVLCFAALSRSRSTLTNEVLLSSPHDVTLKNQKQANE
LAFKLNNRNIEHYYNYKEVYAKVYKDHLFSEGVYRPKEITVTSVDKYIPNVSTKKGQT
DIIIPRGSLKDVVKTDKKRTAYVGSKKFRLKVSRLKGINKVYFMSDVDRGRPTLILND
EDYQKIREHIKEKNIVSQYGFDLKNKNDLPELEKLVSSINEDIETRSEAASEISSLTG
ILLFVTSFLGITFLIAAGCIYYIKQIDETEDELENYTILRKLGFTHQDMSKGLKLKVI
FNFGPLIALLHAYFASLAYMHLMNVTNQIPIFIVMAMYTATYAVFAIIAYNHSKRT
IKHSI

>epi_00430

MKNLFLLSSVAVILSICLVLLLFLATNQNALAKVHKTICTFTKVK
TVSHNDIFPBNLNMMHVAEASEKNSDHQKNVNKTNQQSVRTQASYDFNPQECKVIALNY
AENHLSKKYNIERTFNESLHSVVFSENKLHQTKVVKVNKGTVHASNINNH

>epi_00538

MKDWTINNHSKRQLIIQSNHDDISIIEPLRNGSFKILAENALN
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>epi_00542

MKLISKSIIYLSFIFFIFSLMLFTNQSFANDNKRQLPGDIIVT
KGPVNLNGFFGHCSLAIDHDHTVLQIEGPGDKPMTEDFESYRDRYKGKNEWIKVYRC SH
PNAGTKAAQWAKKHYENSDSEYLVTFNLKSETFTYCTKIIYQAYKYGVDKNSVSDHGL
YIISPYALTNDFTDEYKLKLVKY

>epi_01643

MKNQDKIQNVVKLLSLGVNIKKTKSRLDIINTLPTSNQVSHELK

>epi_01831

MQQQKIKRFLAHFVLDHVTEYLKYGHQLTIEQLKLLIFILHFT
ENHKEDLSLNMIIFYKNYQKNQLLKSITHLYEFNWISKKRHPYDQRRLVITLTQNQCS
KITQLIEELEHFLEVKSTLINEINHSTLLSYYLKCHSQFRVIEQSCTSQHLTLEELYL
LGLLIISDNKTFKSIKVHALKGIIAMGPIIKTLQSKGYLIKSRDDERYIVLTLRK
EKVNVIQSEIEECYNKLEQGIQHV

>epi_01832

MRENYSIRVFNNLAINTEKALSVKFYCLKGKCEVTINVQKHIL
EKDDIAFVVMNDTYSLNTETMCIDIPIHRYLSQKDTQFLISGTKIDESSRDRIK
YWILKILELHCLSYNDVSEIQRЛИQFLLIELSYLKKPKL DVNKDFYLSEDIHQYLVDH
HDSKINKHELAEAVNLSNQALTSMFKQTPFQTFNQYLNQLRLKFCLIDILTTHKPIEE
IAIDHGFHYSRFIQLFKNTGYTPKLIRRDIYATSIFKNTAEEIDLDRHFLMNIHEL
QDLDSKIISKKYIKMSDKGKKYRSYDIYIEDNRSTILDQEQIVHIKRNLSLSQKSMRY
VIELNYTSMIENKELCRYEMLKILRFCGSLNLIPTFKIITDRHDTFTSKEKMALKLTF
QMLFIMLREFNQLEIEFIVEDMMLKQVVQLKKMISSYFEYYKLNRYIKNEKIGNVNYQ
NLEKQVTQIFIPIDQLHLYIKEMSFEKVILETSYLTDLKSEVVEYPWLQHITLIKMC
GLVRGVLIQPSFDYATTYHSNLKPHILSYVIRMFNQLRGTVYKDDAIIMTKYKY
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>epi_01980

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AKNKIIKIVIVAIIVVYLLLIIRVIGTSLPNHLSYHLTQSEQRTLGLFKSPYVLLVTF
ISMVFLRPMVEQIIYRYLIIHELGKVWNRQFVIGLSIVIETIVH VYDMASIFEIFPYI
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>epi_02055

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RNHPCPENIPVTSIKRALAVFNQFTKV

>epi_02098

MKKISLIATTVLTGLLLFPSVNDTTTHAAEVTSMDAQAVAIQAM
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>epi_02108

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>epi_02134

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LILIELIFIISAILSIVGGYLFGEFFMLFNKIVNTHQPQLSDYPFDVLSMKITL
TMLLSLMIIILFVINNFKISFKNSLQLLIKKNKSCTHEKSRVRLLIIFLILGLIFIGIGYY
LAIPKNTAIGSLGIIFFAILSTLIGTYLLFVSLGSIVLEMLQKLDHYYYKPNHFFFIA
GLKSRVKSSAIGLATISFMCTFLIVTLSMTVSTYRNMDHRFEFAKNDYAGYYIGDFH
KDSKIQRKIENLKKDIRQEVTGQFKIYARGMVGAEHQGLKHKKLKRQTVSSGLFNF
GNKQKFNSFISIYNKSDYNKNNKKIKLDDDEIAISTSVSLFKMKTLNIFGKTYRVKY
IESTNIDNLLYADGITLIVNQQQLMDRIVNEYRNHNDENLIITPNQVQTAVEFNLKE
KDKLNHRIKKIGVQHDIEFQVKKQNLLMWKQVNSSLIFVGSSVSLVLLIGIFLMMYYK
QVSEGHEDRDAYITMKQGLDEILIKKTINKQVIWVFLIPVIVAIHTLAAFRIIYSV
LGIVGQYDGLYATSYVGIVVFIIYSMYWITSRIYYTMINDKH

>epi_02135

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DNILMPLVLANERPKIMQKRLMEISEQLGIEDLLEKYPSEISGGQKQRIAIARALIAR
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>epi_02136

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IRPLILKYRIQFIEQKTIHYEKSEDILTDQWASIMIEQLNNALKYAKGKDIDI
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QVTVQSELNHGTVFFIHFTKEK

>epi_02137

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NLSLTVAKIQALLRRTYDLSIARDEIAVKGCKLIVDEAKLSKDNEHVQLSLTELQILK
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YRV

>sap_00201

MTKLEVINPATNEVLERLDYATHEQINHQIKQAHQAFQNWKKVDAHERSAKLAQWAQLID
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FPVGVVGAITPWNFPAAMITRKMAPALAAGCTIICKPAVKTPLTTIKLVELAHQAGFPKD
AISYIIIASGKDAGDIFTNHSLSKVTFTGSTAVGKSLIESSAQVKNVTMELGGLAPLIV
HNDADIEAADGTIASKFRNAGQTCICANRIYVHEDIAEAYNEKLEKVHALSGDGLKE
EVKIGPLIDNQAVEKVLTHIKDAQEKGQQLRSRSIEDIQLALGGNFLKPVVITNANLDMKAM
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>sap_00203

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IVTPLLLTIVIGGAIAKLFGPALNEFMTGLGKVIIVATEQQPLIMGILVSVLGLALTAPI
SSAALALMLDLGLAAGAATIGCAAQMVGFAVNGYKDNGWSGILSIGITSMQLVPNIIK
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>sap_00398

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>sap_00399

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>sap_00643

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>sap_00760

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>sap_01003

MKTKHLSLKIVIALVLGIAIGSIFNVFSNTAFVENVDKYLNFNVIQIFLNLIFMLVVVVFVSIVLGVVGVGDPKLLGGIGIKITFFLTATAIAIIGITLALVLQPGAGKSELLNSDDVSSYQQTLEKEDSSQDSAQQTDFQTLINLFPKPNPLQAMTDENMLQIISFAFIGVGIIMVGSKAQMVKFKLEQTNDVLMYIUTMIMSVFAPIGTFGLVAHAFTGAGFGAIQQLGMYFFIVLGLGIHFVVYGAAVKFMAKSSPLKFDFIPAITLGFSSASSSTATLPVSLECTKKMGRVREIASFVQPLGATINMDGTAIMQGVATIFIAQISGVTLSVSQIITVVVIAVVASIGTAGVPGVGLIMLAMVLNAVGLDPAIIGIILGIDRLLDMTRTSGNITGDAACALVISNAEERKLAKERLNE

>sap_01607

MKYKTVFIDIIGPTMVGPSSSHAGAVRIGLVARDFNQLPKQADIYLYGSFMETYKGHGTDVALVGGLLGYDTDDDRIQTSLETAEEAGMKVNFIEMAEERSHPNTAIINMRDGDEISVEGVSIGGGKIEVVAINGFNIAISGNYPALLVFHKDTFGTIGRVANILGDSSINVGSMQVRKEKGDQALMTCELDNAVNDETIEKIKNVDTVSLMGDA

>sap_02162

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