

Applied Microbiology and Biotechnology, Mini-review

Genome-wide analysis of the $\text{Zn(II)}_2\text{Cys}_6$ zinc cluster-encoding gene family in *Aspergillus flavus*

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Table S1. Summary of genes encoding a binuclear-cluster zinc-finger domain in *A. flavus* genome

Gene ID	Zn(II) ₂ Cys ₆ domain	TF domain	C6 newly identified
AFL2G_00029.2	CIWCQQRKVRCDASFGGCPSCRCLQDQGAC	Yes	Yes
AFL2G_00035.2	CYRCHARKVRCDASILGYPCNTNCVLDGRDTC	Yes	Annotated
AFL2G_00059.2	CQRCRRQKIKCSGSQPCDTC SKRKSTC	Yes	Yes
AFL2G_00066.2	CRRCRAKRVKCDGGIPACGNCARAGVPC	Yes	Yes
AFL2G_00074.2	CKACNARRVKCDAADGQPCWHCRTRQTPC	Yes	Annotated
AFL2G_00121.2	CLTCKKRRKRCDEAKPSCRSCVRLGLTC	DUF3468	Yes
AFL2G_00142.2	CELCKQRKVKCDRAQPCGWCSRNGQSC	Yes	Annotated
AFL2G_00163.2	CTACAEDHLRCDEEKPCRCQRRNIQC	No	Annotated
AFL2G_00212.2	CAACRENKIRCDMPEDGPPCVRCRRRSLSC	Yes	Yes
AFL2G_00240.2	CQSCHARKVRCSLPQTGSPCANCSLDELSC	Yes	Yes
AFL2G_00297.2	CDICRTRKSRCDGIRPQCGMCKDLGFEC	Yes	Yes
AFL2G_00323.2	CQSCRSRKLRCRDLPSCTRCQRLGVDC	Yes	Yes
AFL2G_00339.2	CWECKRRKIKCTFASTEDVTCIGCQRRRAPC	Yes	Annotated
AFL2G_00364.2	?CRTRKLCDEQKPECSQCRKGGREC	No	Yes
AFL2G_00375.2	CITCKLRHIKCDSEKPTCLQCQQSDHKC	No	Annotated
AFL2G_00383.2	CQWCRRSKIKCHHDGTPPCSKRVHPGREG	Yes	Yes
AFL2G_00390.2	CVLCQQRKVR CNREFPCVNC TRAGVQC	Yes	Annotated
AFL2G_00468.2	CDQCRLRKIRCDKRSPCSNCQSSQIAC	Yes	Yes
AFL2G_00473.2	CYECSQRRINCDRAEPQCAKCVSRGLEC	DUF3468	Annotated
AFL2G_00490.2	CTTCRRMKSKCDMAKPCGTCRSRFRNTC	Yes	Annotated
AFL2G_00497.2	CLHCNRRRIRCNVLETRPCHNCVSMNVPC	Yes	Yes
AFL2G_00617.2	CGPCRHRKCLKNRAHPCENCVKRGDAASC	Yes	Annotated
AFL2G_00673.2	CQACRKRKIKCDGEQPCQSCCRNNAQC	Yes	Annotated
AFL2G_00807.2	CLPCRAIKTRCDGQNPCTNCCYNNRREC	No	Annotated
AFL2G_00925.2	CFRCIELKVKCSTQGNKCEQRCRSLGRPC	No	Annotated
AFL2G_00930.2	CNRCRQYKKKCSKTLPSRCTADAGRKC	Yes	Yes
AFL2G_00934.2	CDRCTVLKVRCDKKKPRCERCESVQQHC	No	Annotated
AFL2G_00969.2	CHTCRRRKVKCDKVHPICGNVCVKNTEC	Yes	Annotated
AFL2G_01041.2	CEACRKRKVKCN GASPSCSRCAARGETC	Yes	Annotated
AFL2G_01061.2	CESCRQRKTKCTGDKSGCRNCKEAGIIC	Yes	Yes
AFL2G_01085.2	CGECRSRKIRCDQARPTCSQC IKGNRVC	No	Annotated
AFL2G_01097.2	CNRCRLRNRC DQRLPRCQSC EKAGVRC	Yes	Annotated
AFL2G_01108.2	CRRCQRRKIRCDGQSPRCGACQKASTPC	Yes	Annotated
AFL2G_01115.2	CRTCRKRKIRCSGEPVCKTCS DYNHIC	Yes	Yes
AFL2G_01135.2	CDACREKVKCDASESSSCTECTNRKVRVC	Yes	Annotated
AFL2G_01155.2	CDKCRAAKVRCQREGQSCARCLQRGDDC	Yes	Yes
AFL2G_01164.2	CDRCRVKKTCDGKQPCNRCSAYNHPC	No	Annotated

AFL2G_01202.2	CITCRRRKKKCEDTKPSCLNCQKNAVVC	DUF3468	Annotated
AFL2G_01256.2	CVQCRSRKLRCDRKLPMCSRCESSKTAINC	Yes	Annotated
AFL2G_01378.2	CDACLRRKSRCAMNEMVNKCYSCDFHRQDC	Yes	Yes
AFL2G_01474.2	CTACRSRKLKCCRTYPCNTCKKRGEALSC	Yes	Yes
AFL2G_01537.2	CMTCRRRKKKCEQHPACNNCIRGGFLC	No	Annotated
AFL2G_01551.2	CTQCHQRKVRCSKTLPCSACVRLGATC	Yes	Yes
AFL2G_01588.2	CLRCKRRKTKCNGTRPVCTPCQKARAC	Yes	Yes
AFL2G_01611.2	CERCCTKRKVKCDRLIPTNCRNSGILC	Yes	Annotated
AFL2G_01639.2	CDSCVKKIRCSGTAPCDHCNRRRLTC	Yes	Annotated
AFL2G_01645.2	CDECRRLLKEKCEGGIPCSRCSHFRRSC	Yes	Yes
AFL2G_01693.2	CHNCRRRKRRCDRSVPVCHKCMKTGQEC	DUF3468	Yes
AFL2G_01709.2	CNECKRRKIKCNGETPCQRCGRQRIGC	Yes	Yes
AFL2G_01777.2	CLNCHKRKKVCDRVKPCGACCLRGTPESEC	No	Annotated
AFL2G_01779.2	CDACHARRVRCDRAFPCSRCLRSEIQC	Yes	Annotated
AFL2G_01801.2	CFTCRLRRKKCEQHPSCGACINLCVKC	No	Annotated
AFL2G_01813.2	CEPCRRKKAKCPGEPVCSLCARLQQQC	Yes	Yes
AFL2G_01843.2	CDNCRRRRIKCSRELPCDKCQRLLLSLSC	Yes	Annotated
AFL2G_01860.2	CLRCKFLKKTCDKGEPGACGQPSHARLWQVPC	No	Yes
AFL2G_02038.2	CVVCRRRKLRCGDRKPCSGTCSRLGHEC	Yes	Annotated
AFL2G_02054.2	CESCRGLKVRCLPDPKSPSQCLRCAKAKRAC	Yes	Yes
AFL2G_02062.2	CITCRRRKKVRCNKKKPCVNCVKAGIEC	Yes	Annotated
AFL2G_02067.2	CIHCHRRKVRCDARIVGLPCSNCRSAGKADC	Yes	Annotated
AFL2G_02250.2	CDECRRKKIKCDGKQPCTHCTVYSYEC	Yes	Annotated
AFL2G_02440.2	CEPCRIAKVRCDHKSPVCDRCVSRHKERSK	Yes	Yes
AFL2G_02450.2	CESCRGRKTKCSGDTPVCRQCKELRVTC	Yes	Annotated
AFL2G_02571.2	CEQCRKSKLRCDRGQPCSSCIRRHESDAC	Yes	Yes
AFL2G_02625.2	CDSCRRKKLRCQAEKGNSCQRCQTSGSSC	Yes	Yes
AFL2G_02628.2	CKRCRSRKKVCSGTHPCDKCRQRRQDC	No	Annotated
AFL2G_02638.2	CETCRKRRKKCDNRAPACTACVASGRIC	No	Annotated
AFL2G_02725.2	CTACAKSKHSCDLRTPRCSRCVSRKRDVPC	No	Annotated
AFL2G_02801.2	CDECRRKKVRCDASSESGVETCSNCRRLGVVC	No	Annotated
AFL2G_02804.2	CELCRQRKVKCDKLDPCTNCQRFGATC	Yes	Annotated
AFL2G_02819.2	CVPCRESKIRCDGATPHCHNCERKKGKDC	Yes	Yes
AFL2G_02825.2	CNRCRQRKIRCDRSVPCSQCIRAKTRC	Yes	Yes
AFL2G_02948.2	CLECRAMKVRCSGATPRCHNCHRRGRQC	Yes	Annotated
AFL2G_02950.2	CRTCIQRRVKCEDETRPNCRRCELRLGIQC	No	Annotated
AFL2G_02952.2	CDLCYTRRIKCDGQKPRCSNCRINYATDC	Yes	Yes
AFL2G_02974.2	CDQCRKGRACDALLADELERTYNHSCSNCRKYKRC	No	Yes
AFL2G_03016.2	CLRCRTHKRKCDKLLPVCSLCKRLNRVC	Yes	Annotated
AFL2G_03039.2	CIRCHQRKVRCDKSHPCCTTCTRSNVTC	Yes	Annotated
AFL2G_03043.2	CRNCKLRRVKCDEVQPSQRCCTAYGVLC	No	Annotated

AFL2G_03058.2	CERCRRKRLGCDQQRPCQLCLRAGATC	Yes	Annotated
AFL2G_03073.2	CDECRVRKIRCDGGQPECGPCTKKADPGVQC	Yes	Annotated
AFL2G_03094.2	CWTCRSRRVKCDEQRPNQQRCHRSGRTC	DUF3468	Annotated
AFL2G_03176.2	CMECKKQKTKCETNAGETSCNRCIRHKLDC	Yes	Yes
AFL2G_03188.2	CDQCNQLRQTKCDGQNPCHAIEFGLTC	Yes	Annotated
AFL2G_03209.2	CENCRAVKRRCDKQVPQCGQCIRTRETC	No	Annotated
AFL2G_03295.2	CLTCRGRHTRCDEARPICGNCRKSRLQC	No	Yes
AFL2G_03317.2	CSNCRSLKSRCEGGPPCHDCVRRKIPC	No	Annotated
AFL2G_03369.2	CEPCRKDKVRCDHRLPVC SRCQKKRRRTASC	Yes	Annotated
AFL2G_03423.2	CDRCRSKKIRCDGIRPCCTQCANVGFEC	Yes	Annotated
AFL2G_03496.2	CERCRRSMKVKCSGSHPCSRCTRSNRSC	Yes	Yes
AFL2G_03502.2	CERCRRKKIGCNKALPQCNRCIASNVEC	Yes	Yes
AFL2G_03623.2	CRRCHRRKQRCVGFPTCANCNAANEPC	Yes	Yes
AFL2G_03637.2	CLPCKKRKSRCTTTDSSGKICMRAHGTDG	Yes	Yes
AFL2G_03655.2	CDLCRHRRIIGCDRAKPACETCTLAGVPC	Yes	Yes
AFL2G_03721.2	CYTCRRRRIICDNGLPTCRKCRDAGKEC	DUF3468	Annotated
AFL2G_03750.2	CEACKTAKRRCDLAFPACSRCTTRNTPC	No	Annotated
AFL2G_03753.2	CYTCKRRRIQCDQSQTPCKKCLKAGLEC	DUF3468	Annotated
AFL2G_03761.2	CHTCTSRGQKCDRQRPHCTTTCISHGRKC	No	Annotated
AFL2G_03891.2	CWECKRRKMKCRFDPRVSSSCNGCRRRGSRC	Yes	Yes
AFL2G_03945.2	CTTCKTRKVKCDETKPQCVRCKGTGRRRC	Yes	Annotated
AFL2G_03975.2	CSQCRAAKRKCTADPFRDGRCLQCCTRQQSC	Yes	Yes
AFL2G_04013.2	CLTCRQRKVKCDRCTPCSNCVKAQKQC	Yes	Annotated
AFL2G_04032.2	CDICRLRKSRCDGIRPSCSACGRLGFEC	Yes	Yes
AFL2G_04045.2	CRMCVNRRIKCDETRPQCLRCIKRGCEC	No	Annotated
AFL2G_04112.2	CHRCHSHKVKCSGEQPCARCSQAGCGDEC	Yes	Yes
AFL2G_04126.2	CDFCRKRKKKCDFRYPNCSACTRAGVRC	Yes	Annotated
AFL2G_04167.2	CDACYKRKIKCDAAVPQCNWCSHHNIPC	Yes	Yes
AFL2G_04192.2	CSRCHSLKVRCSGHLPACLRCQKRGREC & CQQCRLRKVRCDGRRGICGNCDRLQFAC	Yes	Yes
AFL2G_04216.2	CNICRQRKVKCDAEYPKCRNCRVRNQIC	Yes	Annotated
AFL2G_04254.2	CDVCRRMKIKCDRTYPCSHCRESFNDC	Yes	Yes
AFL2G_04297.2	CSFCRRRRIKCNNERPVCINCKTYAQDC	Yes	Yes
AFL2G_04330.2	CLLCRHKHLKCDGKTPVCGRCAATGSEC	Yes	Annotated
AFL2G_04346.2	CVNCKKKHLGCDPARPCRRCVLSGKEATC	No	Annotated
AFL2G_04415.2	CGTCRSRHVKCDESRPGCQKQOGLTC	DUF3468	Yes
AFL2G_04423.2	CLPCRSRHVKCDGKRPCCARCAEIGQDC	Yes	Annotated
AFL2G_04427.2	CEHCRSRKIKCNGEQPCNACSRNPQRC	Yes	Annotated
AFL2G_04558.2	CLACKASKKRCDGARPCRTCQTKGAADSC	Yes	Yes
AFL2G_04688.2	CDRCRTFRTKCGEKPCPRCVLDKVRRC	Yes	Yes
AFL2G_04756.2	CKSCRKRKIKCNRLRPSCEACKVFQPCPC	Yes	Yes

AFL2G_04780.2	?CKRRKIKCNGQVPCQRCGHLNLEC	Yes	Yes
AFL2G_04883.2	CRTCRRARIKCDETPESCHNCTSTGRKC	No	Annotated
AFL2G_04894.2	CWECKHRKVRCHFVSDGDQSCRECLARGTTTC	No	Annotated
AFL2G_04907.2	CSLCRRRKIRCDRKSPCNVCVRSKNEAC	Yes	Yes
AFL2G_04961.2	CATCKRNRVKCDEGRPICGRCSKRQESC	No	Annotated
AFL2G_04965.2	CHTCKALKIRCDSDQPCASCMMRRGQAHAC	Yes	Yes
AFL2G_04989.2	CDLCYSRKVKCNRQRNCANCVDAGVAC	Yes	Yes
AFL2G_04995.2	CEECRRRRRAKCDGNRPSCSRCSQWRVPC	Yes	Annotated
AFL2G_05056.2	CNACRVRKSRCDGHRPSCSSCTSLGLEC	No	Annotated
AFL2G_05087.2	CYTCRRRKKKCDVPRPCGGCVRNKLSLSC	No	Annotated
AFL2G_05109.2	?EVRCDAASLGVPCTNCVAFSIEC	Yes	Yes
AFL2G_05154.2	CLHCRQRKSKCDFNGNPGVPPCQRCLRDRGREG	Yes	Annotated
AFL2G_05194.2	CEQCRRRKVRCDRNHPANCMSRSDPRSC	Yes	Yes
AFL2G_05230.2	CDQCRERKLGQCTDGGGLPCVRCRSADLPC	Yes	Annotated
AFL2G_05303.2	CFTCRARRIKCDETRPVCDRCRKGNRDC	No	Annotated
AFL2G_05353.2	CLPCKQAKRKCTGRPAPCKACQNTDAEC	Yes	Annotated
AFL2G_05459.2	CIPCRTRKVRCDGNRPSCARCKERGDC	Yes	Yes
AFL2G_05486.2	CLPCRASKVRCDRNVPCGNCVKNRFTC	Yes	Annotated
AFL2G_05590.2	CTRCKTRKQKCDNEYPVCSNCQKAGTAC	Yes	Yes
AFL2G_05600.2	CQACRTRKIRCSRDRGPCQTCVRRGLGAEDC	Yes	Yes
AFL2G_05648.2	CQICRLRKTKCNGARPKCQLCTDLDTTEC	No	Annotated
AFL2G_05861.2	CVSCQSRKRKCTGDQPCSTCCQFGIDC	Yes	Yes
AFL2G_05890.2	CDPCRLAKRGCDLPRGPTVACTMCSLRSMEC	No	Annotated
AFL2G_05927.2	CANCRVRKTRCDGTQPGCKTCEVYGVEC	Yes	Yes
AFL2G_05990.2	CTRCKTRKQKCDNEYPVCSNCQKAGTAC	Yes	Yes
AFL2G_06041.2	CRECRRRKSKCDRLLPSCSLCDKFSRRC	Yes	Yes
AFL2G_06073.2	CEACKIRKRKCDGQTPCESCSRYDYRC	Yes	Annotated
AFL2G_06084.2	CDECKRRKCKCDGLEPCYRCVYLWDSIC	Yes	Yes
AFL2G_06107.2	CNECKRRKCLKCSGEPTCSRCARDGVPC	Yes	Annotated
AFL2G_06146.2	CDVCSASKLRCDKQKPTCSRCVNLNRSC	No	Annotated
AFL2G_06228.2	CKTCKIRKVKCGEEKPNCVRCSTSTGRKC	No	Annotated
AFL2G_06347.2	CDRCRLKYYKCDSESYPCSHCKSNGINC	Yes	Annotated
AFL2G_06402.2	CSACHKNKRKCNRQLPKCGQCERNQVSC	DUF3468	Yes
AFL2G_06464.2	CSNCRNRKLRCSKETPACQHCRTGGHC	Yes	Annotated
AFL2G_06534.2	CQSCTSMKLRCDGLRPCSSCQKRNLHC	Yes	Yes
AFL2G_06571.2	CLTCRERHLKCDEALHQCNCRKSGRIC	No	Annotated
AFL2G_06574.2	CQTCRRRHVKCDQMRPTCLTCHAFGVSC	DUF3468	Yes
AFL2G_06685.2	CDMCRKKKIKCDGKMPKCSHCINIKTDC	Yes	Annotated
AFL2G_06973.2	CDRCRRFKRRCCTGGTPEQPCVLCSLQEVPC	Yes	Yes
AFL2G_07010.2	CDACSKRKIQCDRATPKCNWCYHHDIPC	Yes	Yes
AFL2G_07030.2	??CRQHKEKCDGGLPCRRRCARLHRQC	Yes	Yes

AFL2G_07034.2	CEFCRRRKIRCDASRPVCSTCRKSKRSC	Yes	Annotated
AFL2G_07048.2	CDQCKERRVKCDEKHPICSNCTSRELTC	No	Annotated
AFL2G_07113.2	CDNCRARKIKCDKATPCSSCGALGIPC	Yes	Yes
AFL2G_07137.2	CRTCRRARHLKCDESPGACRNCTSTGRTC	No	Annotated
AFL2G_07147.2	CEQCRARKVRCIVSREDPSRCTHCIKRDERC	Yes	Yes
AFL2G_07174.2	CTQCRQKRLKCN SGYPQCSRCLSAGSNC	Yes	Annotated
AFL2G_07188.2	CIICHSKKIRCDLQVRSRQGLRCTNCETASKEC	Yes	Yes
AFL2G_07206.2	CDGCSLRKTRCSGGQPCQPCVQSGFEC	Yes	Annotated
AFL2G_07224.2	CTSCASSKVRCTKEKPACARCIERGLAC	Yes	Annotated
AFL2G_07237.2	CNGCRERKRRRCVRRKRELPCLSCGAENRPC	Yes	Yes
AFL2G_07245.2	CGNCRRRKERCDGNLPCGRCSRRVDKEC	Yes	Annotated
AFL2G_07274.2	CYRCRQRKVKCDRASPCSHCVKAGTQC	Yes	Yes
AFL2G_07327.2	CEGCRRQKKKCDEKQPTCGRCLRLNIPC	No	Annotated
AFL2G_07329.2	CYPCRQRKVKCDSGHP CRTCQKRGHPHIC	Yes	Annotated
AFL2G_07359.2	CMRCRRRKVRCDGGTPACSNCARAGVEC	Yes	Annotated
AFL2G_07376.2	CAHCRKTKSRCQGDPPCSECLHRGIHC	Yes	Yes
AFL2G_07396.2	CNACRTRKERCDGKSPCSSCERRGIYC	Yes	Yes
AFL2G_07404.2	CGACHARKERCDDGGYPCNRCQRRGITC	Yes	Annotated
AFL2G_07485.2	CDRCCKRKVRCNGQQPCRVCTEASAAC	Yes	Annotated
AFL2G_07508.2	CQLCRSMKCLKSRDQPCSNVSRGVTC	Yes	Annotated
AFL2G_07511.2	CDRCRRRKIRCDRKVPCSHCLRTGYASTC	Yes	Yes
AFL2G_07543.2	CLICKRRHVKCDEAHPQCGPACAKGQRPC	No	Annotated
AFL2G_07544.2	CLTCRERRVKCDDGKPTCVRCSKSDRIC	No	Yes
AFL2G_07589.2	CIFCRGRKIRCSGGRICNACDRDNINC	Yes	Annotated
AFL2G_07624.2	CDSCRSKKDKCDGVQPV CSTCASLSRPC	Yes	Yes
AFL2G_07635.2	CCVCRRRKRRCDRQKPICGGCQTRGQSHEC	Yes	Yes
AFL2G_07853.2	CITCKARRVKCDETRPSCQQCSRQGTTC	DUF3468	Yes
AFL2G_07862.2	CESCRQLKVRCEPDMSNPNASCRCACAGRSC	Yes	Annotated
AFL2G_07886.2	CEPCRQRKIKCDGNKPACKQCV EHNVSC	Yes	Annotated
AFL2G_07887.2	CLACKKSKRKCSGVPPCDNCRAFNRQC	Yes	Annotated
AFL2G_07980.2	CATCRSRHVKCDESRPCLVCRNLGLTC	DUF3468	Annotated
AFL2G_08040.2	CWTCKARKVKCDENPLGCGSCLRLGLTC	DUF3468	Annotated
AFL2G_08058.2	CINCRSKHLRCTYETDQCEPCKRHNRTC	No	Yes
AFL2G_08148.2	CRYCRRRKIRCSGFESSQDGRCSN CIRFNQEC	No	Annotated
AFL2G_08184.2	CESCRRRKVKCSGDQPCRSCVRHNWEC	No	Annotated
AFL2G_08203.2	CITCKAKRLKCDESKPTCLQCKKRNVEC	DUF3468	Yes
AFL2G_08255.2	CNECRQQLRCDVVQDPWMDCSRRLKLDLDC	Yes	Annotated
AFL2G_08259.2	CDLCRKRKSRCTVDIPGQSCLL CRVQGADC	Yes	Annotated
AFL2G_08327.2	CIACRRRKSKCDGNLPSCAACSSVYHTTC	Yes	Yes
AFL2G_08330.2	CFKCAVARVRCSGGTPCIRCDNRSLEC	Yes	Yes
AFL2G_08416.2	CLTCRARKVRCDEAKPTCANCTRLRLQC	No	Annotated

AFL2G_08463.2	CDPCRKRKVKCDLGSVDNPRPPPCVRCRRESKRC	No	Annotated
AFL2G_08532.2	CKTCKIRRVKCDLSQPSCLKCLSTGRTC	No	Annotated
AFL2G_08590.2	CHSCHISKVRCNQPIPGMPCLRQCQACKPC	No	Yes
AFL2G_08615.2	CETCKLRKRKCDGHEPCTYCLRYEYQC	Yes	Annotated
AFL2G_08620.2	CAPCHQRKTKCDGQKPOCKQCRQLGIPC	No	Annotated
AFL2G_08639.2	CKNCALSCLKCDDQKPCRRCVKRNLEC	No	Annotated
AFL2G_08641.2	CLRCREKCLKCDRVTPCENCTKAGCPADC	Yes	Yes
AFL2G_08655.2	CIACRQSKVKCSGDEPCANCIRRSLTC	Yes	Yes
AFL2G_08674.2	CRFCRTRKLRCSGTSQCSACKDRQLEC	No	Annotated
AFL2G_08722.2	CLNCRRKKTRCPAERPSCSNVRLNQPC	Yes	Yes
AFL2G_08725.2	CGPCRRKKARCPGEKPTCSLCQRLGQRC	Yes	Annotated
AFL2G_08745.2	CQRCRRQKCLKCDTTRPCTLCRRAAVDC	Yes	Yes
AFL2G_08749.2	CGTCRKKCRKCDRARPVCNRCRVKGLHC	No	Annotated
AFL2G_08765.2	CQSCRKKKARCSREQPCSQCERFGVAC	Yes	Annotated
AFL2G_08780.2	CLCCHRRKVRCDRGVPCTNCARAGWTC	Yes	Yes
AFL2G_08792.2	CEYCRQKCLKCSNGRPKCQHCHARGKEC	Yes	Yes
AFL2G_08820.2	CENCRRRKIRCLGSCVPCDTCRKRGVASSC	Yes	Yes
AFL2G_08851.2	CEPCRERKRKCNAGESPCSTCSSWGYDC	Yes	Annotated
AFL2G_08862.2	CLVCKASKIRCDAGDPCGSLRRDQSSC	No	Yes
AFL2G_08887.2	CEFCRLKKVRCDKKRPCYNCTSRGFDC	Yes	Yes
AFL2G_08907.2	CWECKRRKMKCVFERPEDAVCVGCHRRWTQC	Yes	Annotated
AFL2G_08947.2	CLACRDSKIKCDGTPICSHCKVKGRSC	Yes	Yes
AFL2G_08951.2	CTQCKQRRIKCDEARPSCGSCQKKRIVC	No	Annotated
AFL2G_09037.2	CDACGRRKVRCNGQQRCQQCEHMGLVC	Yes	Yes
AFL2G_09045.2	CEECRSRKLKCDMSQPQCSTCRNMGVPC	Yes	Yes
AFL2G_09098.2	CDACSIRKVKCDTSGPPCRSCASLDIPC	No	Annotated
AFL2G_09159.2	CTECKRRRTKCSADTTGPPCTECALHRRDC	No	Annotated
AFL2G_09160.2	CDHCKEKKTRCTGTLP MRCRLSLPC	Yes	Annotated
AFL2G_09182.2	CKACNSRRVKCDAVDQQPCWHCLRRLQTPC	Yes	Annotated
AFL2G_09196.2	CDGCRRVKEKCEGGVPCRRCLRYRRQC	Yes	Yes
AFL2G_09275.2	CFPCRHRKVRCDGREPCSNVCRGHSELC	No	Annotated
AFL2G_09277.2	CARCRRSKIKCVNAGIDTTCRACESSGREC	Yes	Annotated
AFL2G_09283.2	CERCRRRKQKCDGKTPICGPCARAGATC	Yes	Yes
AFL2G_09288.2	CENCREQKAKCSGHRPTCQRCQEAGTRC	Yes	Annotated
AFL2G_09361.2	CAHCQRRKKRCRHLGTCSTQDQHQPCTC	Yes	Yes
AFL2G_09379.2	CDRCRLKKSCKDGANPCSRCRADNAIC	No	Annotated
AFL2G_09406.2	CFQCTKRRIVCDGAHPTCYKCKQKGI EC	DUF3468	Annotated
AFL2G_09410.2	CDACKRKKLRCSGTLPCSLCQRSSQDC	Yes	Annotated
AFL2G_09451.2	CLNCREKHLKCDGNLTGCTRCKDLSLFC	Yes	Yes
AFL2G_09459.2	CVACRQSKIKCSGKEPCANCQORRAIKC	No	Annotated
AFL2G_09461.2	CLTCRARRVKCDERKPMCERCEFANVEC	No	Annotated

AFL2G_09464.2	CKTCRWRKIGCDLQEPQCGQCKKSGRHC	No	Annotated
AFL2G_09466.2	CWTCRRRRRRCDRLLPVCQKCEIMQDQC	DUF3468	Yes
AFL2G_09482.2	CDFCRQHRVRCDGRLPCGQCVTNKVEC	Yes	Yes
AFL2G_09728.2	CYTCRRRRRIECEMSEPPCKKCKKAGLEC	DUF3468	Annotated
AFL2G_09801.2	CYPCHARKVKCDRNLPDGCVKRDHADLC	Yes	Annotated
AFL2G_09813.2	CLICRRRKIKCDRSEGFCCNNCRNLGEOC	Yes	Annotated
AFL2G_09846.2	CQRCHSQVKVKTGGKPCSRCLVAGCEKEC	Yes	Yes
AFL2G_09865.2	CSTCRRRHVRCDEASPCSKNCTRLGLEC	DUF3468	Annotated
AFL2G_09871.2	CDQCRLRKIRCDKRSPCSNCRSSQIAC	Yes	Yes
AFL2G_09885.2	CLTCREKKIKCQPNLPKCDQCQKSGREC	Yes	Annotated
AFL2G_10120.2	CETCRLKKTRCDESRPKCGLCKSLGLEC	Yes	Annotated
AFL2G_10163.2	CGNCKRRKIKCDEVHPACGQCTSHDINC	No	Annotated
AFL2G_10183.2	CNNCRAKRRRCDKAVPGCGQCRRMGQQC	No	Annotated
AFL2G_10306.2	CLECRRRKIKCDRSLPCAYCVRTHIHC	Yes	Yes
AFL2G_10319.2	CIACRRRKIRCSGKPACKHCSRSRIPC	Yes	Annotated
AFL2G_10343.2	CSRCRTAKVKCDGKLPACSACERVGKASTC	Yes	Yes
AFL2G_10394.2	CNPCRKYHKEKCQGGMPCLRCQRYKRNC	Yes	Annotated
AFL2G_10518.2	CVTCKQRRVKCDEAKPECQACQRLKLRRC	No	Annotated
AFL2G_10547.2	CAPCRRRKVKCDRRQPCNQCSHNMADLC	Yes	Yes
AFL2G_10557.2	CVSCKSSKKKCDKTLPTCNRCARLCLSC	No	Annotated
AFL2G_10570.2	CSLCRKRRIKCDQSRPHCSQCRKYGAVC	No	Yes
AFL2G_10615.2	CDACKRKKKACTGNLPCRPLKRQEVV	Yes	Yes
AFL2G_10640.2	CDRCRAIKSRCLPGVSNNACYRCARLRHTC	No	Annotated
AFL2G_10666.2	CANCROSRVKCDGKEPSCTRCQWKGWHC	No	Annotated
AFL2G_10681.2	CQSCYTKVKCDNARPKCMPCMKSGHAC	Yes	Yes
AFL2G_10690.2	CTECRKQHLKCDANQPSCSRCTQGGFVC	Yes	Annotated
AFL2G_10696.2	CVTCKARRKKCDEARPHCRTCVSAGREC	No	Annotated
AFL2G_10709.2	CERCRLHKSRCDPFRPCTLCVRANVDC	Yes	Annotated
AFL2G_10729.2	CESCRTRKRKCDGQEPGTCVQLEYDC	No	Annotated
AFL2G_10832.2	CNECKQQKLRCDIVQTPADACSRCKGLQIEC	No	Annotated
AFL2G_10950.2	CNHCRAKTRCDEQFPSCRNCQLAGVQC	Yes	Yes
AFL2G_10982.2	CDECRLRKSCKSKEKPTCAQCRQLNKEC	Yes	Annotated
AFL2G_11031.2	CVSCRQSKIKCSGTDPCNNCQRRKVRV	Yes	Yes
AFL2G_11045.2	CTRCSQSKLRCDGDRPCRRCRDQQSVC	Yes	Yes
AFL2G_11137.2	CQNCRSRHIKCDETRPHCRACVRTGRTC	No	Annotated
AFL2G_11157.2	CNECKQQKLRCDIVQTPAAACSRCRRLQIEC	Yes	Annotated
AFL2G_11199.2	CTECKRHKVRCDMKAGESVCSRCRRMGLEC	Yes	Annotated
AFL2G_11227.2	CDRCRLKKSCKDGGNPGRCRRTDNAIC	No	Annotated
AFL2G_11303.2	CQPCVRRKVKCDKAVPSCASCEKAKLEC	Yes	Annotated
AFL2G_11313.2	CDFCALSKVKCDRGQPQCVRCIKSGIDC	No	Annotated
AFL2G_11355.2	CERCKRRRIKCDDEAGPPCSHCAARKADC	No	Annotated

AFL2G_11357.2	CIQCKRRVKCDERGPSCSNCTTRGIEC	No	Annotated
AFL2G_11371.2	CEECRRRKVRCDRRRPQCQVCFETGIDC	Yes	Annotated
AFL2G_11418.2	CNQCRTKRIRCDRQPKCSNCRADVEC	Yes	Annotated
AFL2G_11463.2	CTSCRHRKIKCDGEKPEACRWYKKADQC	Yes	Annotated
AFL2G_11489.2	CIPCHQRKRKCDTVYPCGMCSYGYNC	Yes	Annotated
AFL2G_11506.2	CTTCRRKTKCDGRRPTCSPCKAFNLPC	Yes	Yes
AFL2G_11513.2	CSACKARKLKCTGTAPCANCVKSRLEC	Yes	Annotated
AFL2G_11514.2	CEPCRERKSRC DGRKPICSPCTQRSHAADRC	Yes	Yes
AFL2G_11610.2	CNECHAAKVRCSGEKTGCQRCANLGSEC	No	Annotated/corrected
AFL2G_11702.2	??CDEKKPSCGNCVNHSIEC?	No	Annotated
AFL2G_11719.2	CISCRARKVRCVLGDKPPCAKCEHREHRC	No	Annotated
AFL2G_11741.2	CDGCKIRKIRCGGGQPCRSCTKAKIKC	Yes	Annotated
AFL2G_11792.2	CRACLQRRVKCDQTRPECLRCQKRKITC	No	Annotated
AFL2G_11828.2	CTRCQSKKTRCNRVQPRCDKCEAINAEC	Yes	Yes
AFL2G_11881.2	CLSCKASRKKCDEIQPRCSDCRRNLNLP	DUF3468	Annotated
AFL2G_11893.2	CTVCRRRKLKCDRALPCSQCVKSKTPDLC	Yes	Annotated
AFL2G_11915.2	CEACATAKLSGNERPCKRCHSKRVNC	Yes	Yes
AFL2G_11976.2	CDQCRRRKSCKDGEQPECAICRQAGRRC	Yes	Annotated
AFL2G_11984.2	CRTCVRHVKCD EAPGACGNCTSSGRSC	No	Annotated
AFL2G_11988.2	CYRCHTHKVKCSGEHPCRACAQANKSDEC	Yes	Yes
AFL2G_12003.2	CDQCKRRVKCDEKGPPCSNVCVTRELGC	No	Annotated
AFL2G_12125.2	CDFCHRRSIKCTKLRGPLERCRNCADFDIPC	Yes	Yes
AFL2G_12136.2	CSECKRLRIKCSEAKPICTSCQRRKVAC	No	Annotated
AFL2G_12140.2	CKHCRLKKIKCDGQLPKCGLCILKNQHC	Yes	Yes
AFL2G_12149.2	CDRCHRRKSKCDKVL PACGPCQKAGVAC	No	Annotated
AFL2G_12173.2	CDLCRHRKIRCDRAQPCENCLLARVSC	Yes	Yes
AFL2G_12185.2	CDACVESRTQCDGDLPCETCLHRGLEC	Yes	Annotated
AFL2G_12196.2	CYWCRHRKVRCDA SIHGCPCTRCRQDGRSDC	Yes	Yes
AFL2G_12200.2	CSLCRRRKLACDREYPSCTRCRKTGNSDSC	Yes	Annotated
AFL2G_12234.2	CDQCFATKRACDKGSPCSRCQSLGQQC	Yes	Annotated
AFL2G_12241.2	CDACRRRKKVCTSHRPCSPCRSMALVC	No	Annotated
AFL2G_12301.2	CYECSQRRIHCDRVQPCCGKASRGIPC	DUF3468	Yes
AFL2G_12330.2	CCCCRARKVRCDVVENGSPCTNCRPGSIRPC	Yes	Yes
AFL2G_12348.2	CNGCRKRKIKCDAATNTWPCSACTRLKLV	Yes	Yes
AFL2G_12389.2	CEPCRISKIRCDHQPTCRRCDIRGLSSKC	Yes	Annotated