

Figure S6 Kellner et al. 2011

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U. maydis a2      ME-KIRPTLR  VATLTREQFR  RRMVGDKPSW  IDLVDSFTPL  ALDQ----V  IFTDQYSLRC  PADAPRLSRR  WWARGIPRNI  QDRQQLCSRL  84
S. reilianum a2  .S...S.I.  P.....K  .G...F..N.  ....PVN.S  TIQEHAPLG.  NLVNEHL...  ...T.....  .FD.S...L  ..H.R.QNC.  90
Ma. erianthes a2  ...L.AGF.  SS...K.ELK  ..II.S..G.  V..I.PI?.R  .AYSDTIRGD  ..LQNHTF..  ...S.....  .SD.SL..TV  RSLHIDRN..  90
Us. gigantosporum a2  .KS.QLSFI.  .FPM...NR.  PPAIRHV.R.  T.QIT.V-HV  PSSSYES.L  GVRKMHI..S  LGSFD.V.KN  .RDPRL..IC  H..QICRN.I  89
Us. gigantosporum a3  .KS.QLSFI.  .FPM...NR.  PPTTRHV.R.  ..QIT.V-QV  PFQPSYGP.L  EVQEMEI..S  LGSFD.V.KD  .RDPRL..IC  H..QICRN.I  89
U. xerochloae a3  .-.LG.SPS  IIP...ANIG  V.IRKNCMR.  ..QLTVL-.I  PSSKAGDI.G  NVVQVKT...  .G.....P.Y  .SD.S.H.VL  ....TIQN..  87
S. walkeri a3    .K.RFGS...  T.....ELK  KG.L.MRA..  C....AI-.P  PM.TIIDPDA  N.IPEF.V..  ...T...G.K  .FE.....S  ..HS..RN..  89

SPITYHAFDN  RFGRFDL  LSW  KVSSTETRR  I  WMSLSALKLP  TQAMLHTDAL  RCLRDPTRIL  NLTQCPRRWR  RKRF*  158
..L...T...  .....C.  ..T.AD....  .KF....R..  V.GL.Y..G.  E..ES...V  A.P.....  ..F..  164
..LS..T.E.  .....A.  .A.  ..PQAQ..KV  .AF..T....  ...LIY...I  D.VDA.SQVA  ..D.L...K.  .RN..  164
..Y..ETY..  .....QH.  .A.  .TGDRNVQGL  .DL.ADT.YG  RKVVE.SI.T  L.TEA.SQVI  .CRAT..SS.  .RV..  163
..Y..ETYE.  .....RH.  .A.  .TGHRNLQVL  .DL.ADT.YG  RKVVE.SI.A  L.TEA.SQVI  .CPPT..SS.  .RV..  163
..LQ.ES.Q.  .....ES.  .A.  .RLHGSNYHKT  .SL.A.T.S.  NH.VEYSM..  P..HL.EKLV  .TPKPT.CS.  .R...  161
..LA..T.N.  .....E.  .R.  .-AK.GS.VV  .TC....R..  ..GV.WRQ.T  G.IA..HS.I  E.PR....R.  ..Q..  162

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