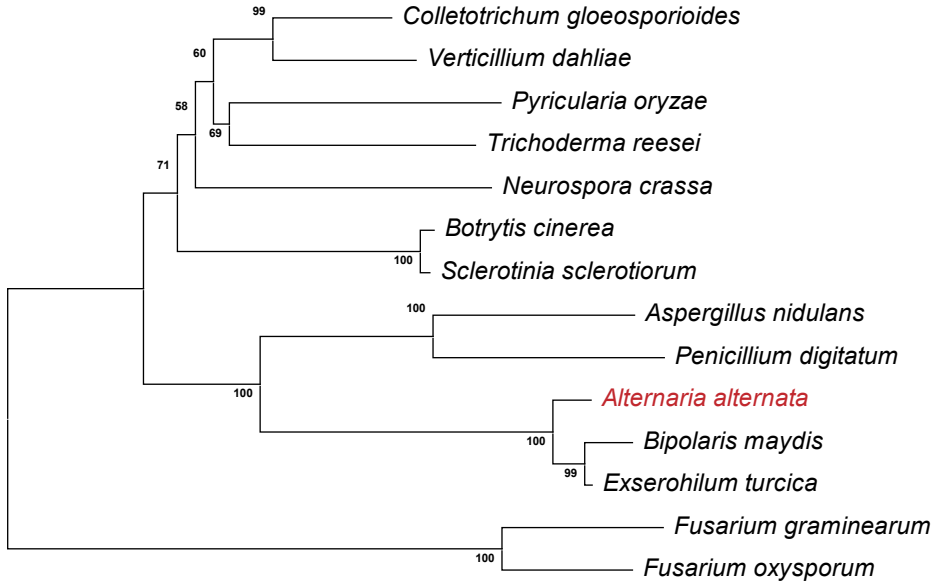


(a)

APSES-type DNA-binding domain

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Pyricularia oryzae 98 TSCGIA PPGMKPRVTATLWEDEGSLCHQVEARGV CVARREDNHMINGTKLLNVAGMTRGRRDGILKSEKVRVVKIGPMHLKGWVIFFRALDFANKEKITELLYPLFVHNIGALLYHPA 217
Botrytis cinerea 107 QTGQVA PPGMKPRVTATLWEDEGSLCHQVEARGV CVARREDNHMINGTKLLNVAGMTRGRRDGILKSEKVRVVKIGPMHLKGWVIFFRALDFANKEKITELLYPLFVHNIGALLYHPA 226
Sclerotinia sclerotiorum 107 QTGQVA PPGMKPRVTATLWEDEGSLCHQVEARGV CVARREDNHMINGTKLLNVAGMTRGRRDGILKSEKVRVVKIGPMHLKGWVIFFRALDFANKEKITELLYPLFVHNIGALLYHPA 226
Aspergillus nidulans 117 PTGQVA PPGAKPRVTATLWEDEGSLCHQVEARGV CVARREDNHMINGTKLLNVAGMTRGRRDGILKSEKVRVVKIGPMHLKGWVIFFRALDFANKEKITELLYPLFVHNIGALLYHPA 236
Fusarium graminearum 78 TTGCHN PPGMKPRVTATLWEDEGSLCHQVEARGV CVARREDNHMINGTKLLNVAGMTRGRRDGILKSEKVRVVKIGPMHLKGWVIFFRALDFANKEKITELLYPLFVHNIGALLYHPS 194
Fusarium oxysporum 74 TTGCHN PPGMKPRVTATLWEDEGSLCHQVEARGV CVARREDNHMINGTKLLNVAGMTRGRRDGILKSEKVRVVKIGPMHLKGWVIFFRALDFANKEKITELLYPLFVHNIGALLYHPS 193
Alternaria alternata 96 HTGQVA PPGMKPRVTATLWEDEGSLCHQVEARGV CVARREDNHMINGTKLLNVAGMTRGRRDGILKSEKVRVVKIGPMHLKGWVIFFRALDFANKEKITELLYPLFVHNIGALLYHPS 215
Consensus          gg  ppg kprvtatlwedegslc qvea g cvarredn mingtkllnvagmtrgrrdgilksek r vvkigpmh1kgvwip ral fankekit l plfv i llyhp
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(b)



0.1