

Alignment of *tef1* sequences of 18 isolates from this study with reference strains of *Bipolaris* species from the GenBank

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KJ415455_Bipolaris_secalis_BRIP14453T	GGGCAGTTGGTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
KM093756_Bipolaris_microstegii_CBS132550T	GGGCAGTTGGTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
KX452470_Bipolaris_shoemakeri_BRIP15929T	GGGCAGTTGGTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4639	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4610	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4618	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4625	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4631	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4644	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4650	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4665	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4674	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4687	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4693	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4733	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4751	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
KM093763_Bipolaris_sorokiniana_CBS110_14	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600
UEM4749	GGGCAGTTGCTGGAGGCCTCAATCATGTTGTACCCGTTGAAACCGGAGATGGGCACGAAG	600

KM196588_Curvularia_buchloes_CBS246_49	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
KM196585_Curvularia_subpapendorfii_CBS656_74	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
KM093776_Bipolaris_bicolor_CBS690_96	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4658	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4680	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4698	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
KJ415467_Bipolaris_gossypina_BRIP14840T	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4662	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
KX452475_Bipolaris_woodii_BRIP12239T	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
KY905696_Bipolaris_variabilis_CBS127716T	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
KJ415454_Bipolaris_zeae_BRIP11512IsoPT	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
KM093752_Bipolaris_zeicola_FIP532ET	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
KJ415455_Bipolaris_secalis_BRIP14453T	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
KM093756_Bipolaris_microstegii_CBS132550T	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
KX452470_Bipolaris_shoemakeri_BRIP15929T	GGAACTGCTTGGGGTTGTATCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4639	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4610	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4618	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4625	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4631	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4644	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4650	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4665	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4674	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4687	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4693	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4733	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4751	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
KM093763_Bipolaris_sorokiniana_CBS110_14	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660
UEM4749	GGAACTGCTTGGGGTTGTAGCCGACCTTCTTGATGAAGTTGGAGGTCTCCTTGATGATT	660

KM196588_Curvularia_buchloes_CBS246_49	TCCTGGTAACGCTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
KM196585_Curvularia_subpapendorfii_CBS656_74	TCCTGGTAACGCTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
KM093776_Bipolaris_bicolor_CBS690_96	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4658	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4680	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4698	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
KJ415467_Bipolaris_gossypina_BRIP14840T	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4662	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
KX452475_Bipolaris_woodii_BRIP12239T	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
KY905696_Bipolaris_variabilis_CBS127716T	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
KJ415454_Bipolaris_zeae_BRIP11512IsoPT	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
KM093752_Bipolaris_zeicola_FIP532ET	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
KJ415455_Bipolaris_secalis_BRIP14453T	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
KM093756_Bipolaris_microstegii_CBS132550T	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
KX452470_Bipolaris_shoemakeri_BRIP15929T	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4639	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4610	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4618	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4625	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4631	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4644	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4650	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4665	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4674	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4687	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4693	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4733	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
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KM093763_Bipolaris_sorokiniana_CBS110_14	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720
UEM4749	TCCTGGTAACGGTCCTCAGACCACTTGGTGGTGTCATCTTGTGATGGCAACGATGAGC	720

KM196588_Curvularia_buchloes_CBS246_49	TGCTTGACACCGAGGG	736
KM196585_Curvularia_subpapendorffii_CBS656_74	TGCTTGACACCAAGGG	736
KM093776_Bipolaris_bicolor_CBS690_96	TGCTTGACACCGAGGG	736
UEM4658	TGCTTGACACCAAGGG	736
UEM4680	TGCTTGACACCAAGGG	736
UEM4698	TGCTTGACACCAAGGG	736
KJ415467_Bipolaris_gossypina_BRIP14840T	TGCTTGACACCAAGGG	736
UEM4662	TGCTTGACACCAAGGG	736
KX452475_Bipolaris_woodii_BRIP12239T	TGCTTGACACCAAGGG	736
KY905696_Bipolaris_variabilis_CBS127716T	TGCTTGACACCAAGGG	736
KJ415454_Bipolaris_zeae_BRIP11512IsoPT	TGCTTGACACCAAGGG	736
KM093752_Bipolaris_zeicola_FIP532ET	TGCTTGACACCAAGGG	736
KJ415455_Bipolaris_secalis_BRIP14453T	TGCTTGACACCAAGGG	736
KM093756_Bipolaris_microstegii_CBS132550T	TGCTTGACACCAAGGG	736
KX452470_Bipolaris_shoemakeri_BRIP15929T	TGCTTGACACCAAGGG	736
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KM093763_Bipolaris_sorokiniana_CBS110_14	TGCTTGACACCAAGGG	736
UEM4749	TGCTTGACACCAAGGG	736
