

Figure S15 Sequence alignment of candidate genes for resistance/susceptibility to
Botryosphaeria dothidea serine/threonine-protein kinase (MD03G1259600) of 'Jonathan',
'Golden Delicious' (GD), and the apple reference genome (DH).


Figure S16 Sequence alignment of candidate genes for resistance/susceptibility to Botryosphaeria dothidea kinase-like protein TMKL1 (MD10G1169200) of 'Jonathan',
'Golden Delicious' (GD), and the apple reference genome (DH).


Figure S17 Sequence alignment of candidate genes for resistance/susceptibility to Botryosphaeria dothidea serine/threonine-protein kinase-like protein (MD10G1288400) of
'Jonathan', 'Golden Delicious' (GD), and the apple reference genome (DH).


Figure S18 Sequence alignment of candidate genes for resistance/susceptibility to
Botryosphaeria dothidea receptor-like protein kinase HSL1 (MD10G1288500) of 'Jonathan', 'Golden Delicious' (GD), and the apple reference genome (DH).


Figure S19 Sequence alignment of candidate genes for resistance/susceptibility to Botryosphaeria dothidea NDR1/HIN1-like 8 (MD06G1037600) of 'Jonathan', 'Golden

Delicious' (GD), and the apple reference genome (DH).


Figure S20 Sequence alignment of candidate genes for resistance/susceptibility to Botryosphaeria dothidea pentatricopeptide repeat-containing protein (MD02G1213800) of 'Jonathan', 'Golden Delicious' (GD), and the apple reference genome (DH).


Figure S21 Sequence alignment of candidate genes for resistance/susceptibility to Botryosphaeria dothidea pentatricopeptide repeat-containing protein (MD08G1120500) of 'Jonathan', 'Golden Delicious' (GD), and the apple reference genome (DH).


Figure S22 Sequence alignment of candidate genes for resistance/susceptibility to
Botryosphaeria dothidea pentatricopeptide repeat-containing protein (MD08G1120700) of
'Jonathan', 'Golden Delicious' (GD), and the apple reference genome (DH).


Figure S23 Sequence alignment of candidate genes for resistance/susceptibility to
Botryosphaeria dothidea disease resistance protein (MD15G1416500) of 'Jonathan', 'Golden
Delicious' (GD), and the apple reference genome (DH).


Figure S24 Sequence alignment of candidate genes for resistance/susceptibility to
Botryosphaeria dothidea F-box/kelch-repeat protein (MD06G1017400) of 'Jonathan',
'Golden Delicious' (GD), and the apple reference genome (DH).


Figure S25 Sequence alignment of candidate genes for resistance/susceptibility to
Botryosphaeria dothidea F-box/kelch-repeat protein (MD10G1255900) of 'Jonathan',
'Golden Delicious' (GD), and the apple reference genome (DH).

