



Additional file 2. Phylogenetic tree of the intermediate clade *WOX* genes including EST sequences from *Pinus taeda* (*Pt*). Analyses were done using the BI method described in the methods sections. Exceptions were: amino acid model used was mixed, and burn-in was 1250. Support values are posterior probabilities DNA data above protein data.

AtWOX8
AtWOX9
PHEV
PhSOE
VWOXF
PaWOX8/9
PDR692518
PDR690333
PaWOX8A
PDT636589
PDT634290
PaWOX8B
PaWOX8C
PaWOX8D
AtWOX11
AtWOX12
VWOXG
OsWOXA
OsWOXB
OsWOXD
CfWOXA
CfWOXB

AtWOX8
AtWOX9
PHEV
PhSOE
VWOXF
PaWOX8/9
PDR692518
PDR690333
PaWOX8A
PDT636589
PDT634290
PaWOX8B
PaWOX8C
PaWOX8D
AtWOX11
AtWOX12
VWOXG
OsWOXA
OsWOXB
OsWOXD
CfWOXA
CfWOXB

AtWOX8
AtWOX9
PHEV
PhSOE
VWOXF
PaWOX8/9
PDR692518
PDR690333
PaWOX8A
PDT636589
PDT634290
PaWOX8B
PaWOX8C
PaWOX8D
AtWOX11
AtWOX12
VWOXG
OsWOXA
OsWOXB
OsWOXD
CfWOXA
CfWOXB

AtWOX8
AtWOX9
PHEV
PhSOE
VWOXF
PaWOX8/9
PDR692518
PDR690333
PaWOX8A
PDT636589
PDT634290
PaWOX8B
PaWOX8C
PaWOX8D
AtWOX11
AtWOX12
VWOXG
OsWOXA
OsWOXB
OsWOXD
CfWOXA
CfWOXB

AtWOX8
AtWOX9
PHEV
PhSOE
VWOXF
PaWOX8/9
PDR692518
PDR690333
PaWOX8A
PDT636589
PDT634290
PaWOX8B
PaWOX8C
PaWOX8D
AtWOX11
AtWOX12
VWOXG
OsWOXA
OsWOXB
OsWOXD
CfWOXA
CfWOXB

AtWOX8
AtWOX9
PHEV
PhSOE
VWOXF
PaWOX8/9
PDR692518
PDR690333
PaWOX8A
PDT636589
PDT634290
PaWOX8B
PaWOX8C
PaWOX8D
AtWOX11
AtWOX12
VWOXG
OsWOXA
OsWOXB
OsWOXD
CfWOXA
CfWOXB

