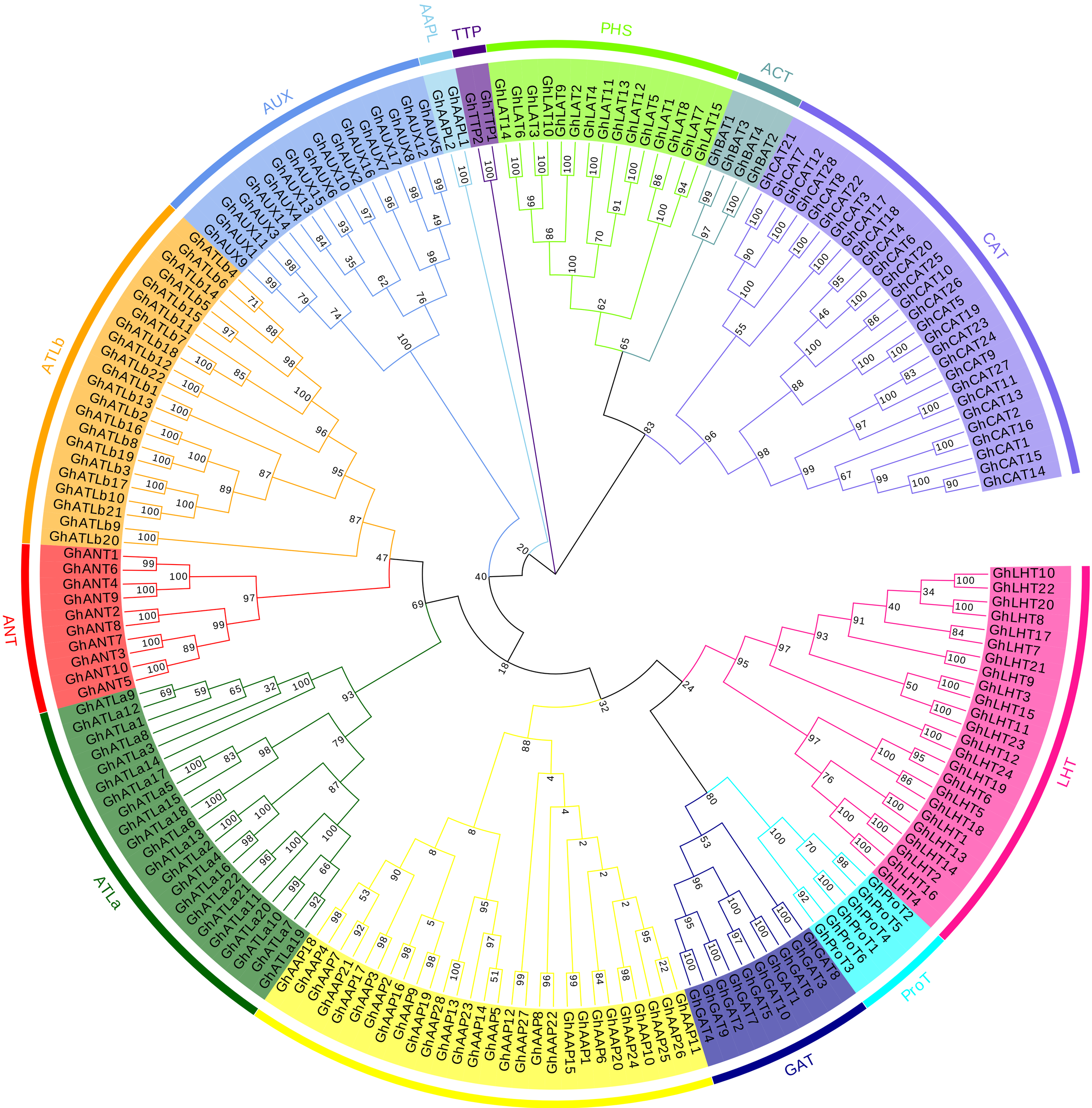

AAPL
TTP
PHS
ACT
CAT
AUX
ATLb
ANT
ATLa
AAP
GAT
ProT
LHT
GhAAPL1
GhAAPL2
GhTTP1
GhTTP2
GhLAT14
GhLAT6
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GhBAT1
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GhBAT2
GhCAT21
GhCAT7
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GhAUX3
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GhAUX1
GhAUX9
GhATLb4
GhATLb6
GhATLb14
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GhANT8
GhANT7
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GhLHT16
GhLHT4

Figure S1. Phylogenetic analysis and subfamily classification of the AAT proteins in cotton (GhAATs). The phylogenetic tree was constructed with MEGAX software using the maximum likelihood (ML) method with 1000 bootstrap replicates. All 190 GhAATs were divided into thirteen groups which were highlighted by different colors (AAP, LHT, GAT, ProT, AUX, ATLa, ANT, ATLb, AAPL, TTP, PHS, ACT, and CAT).