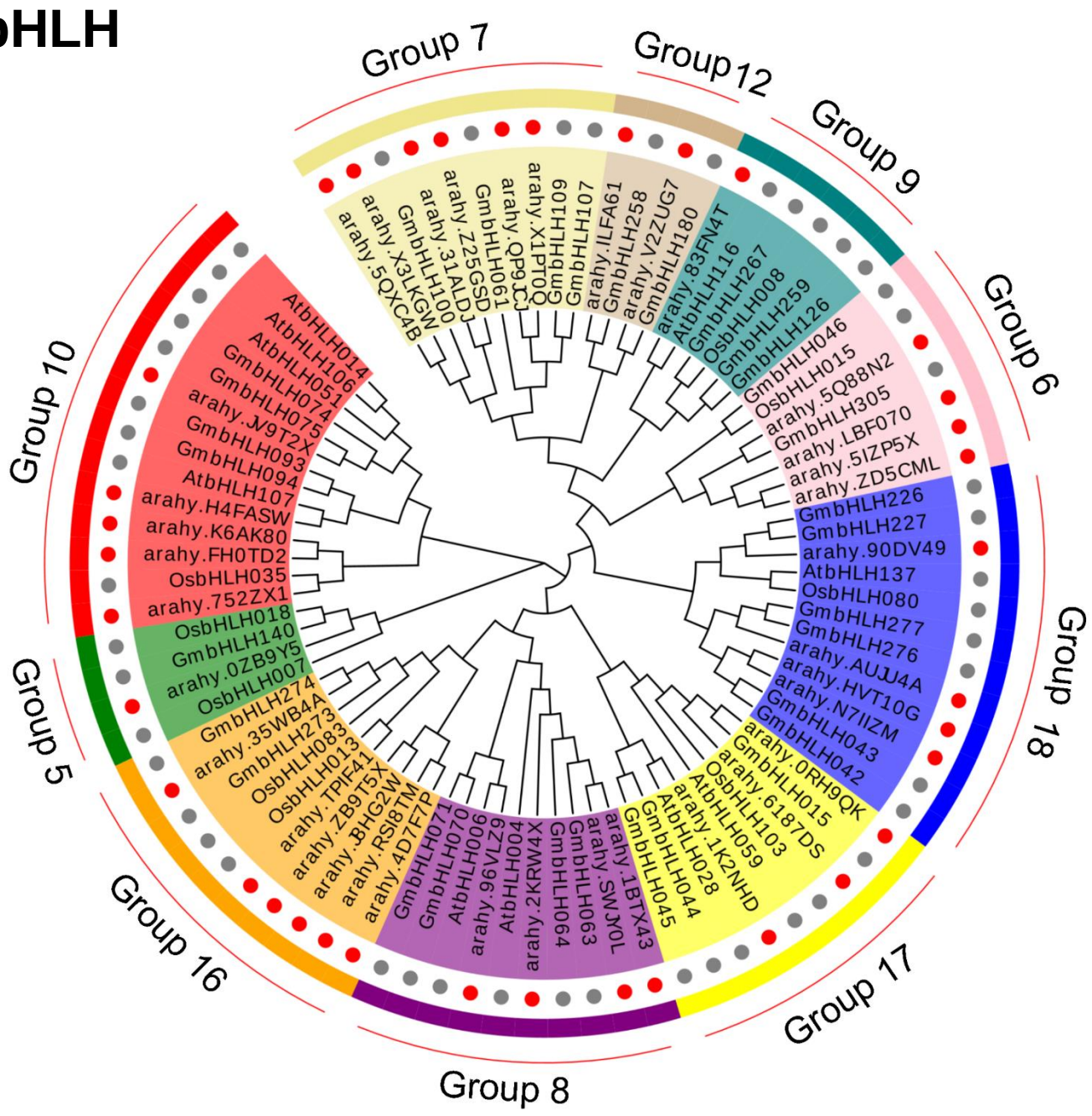
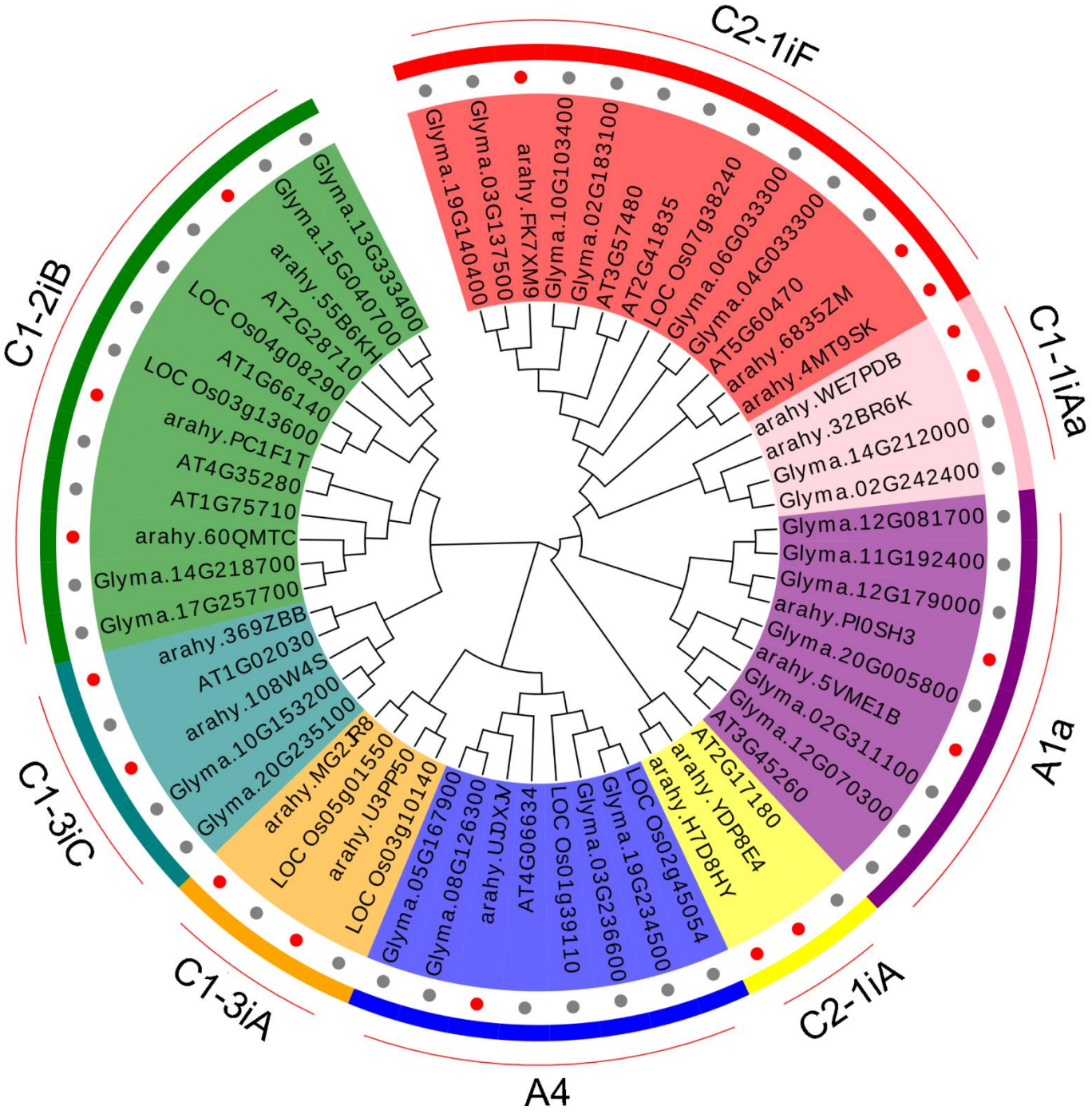
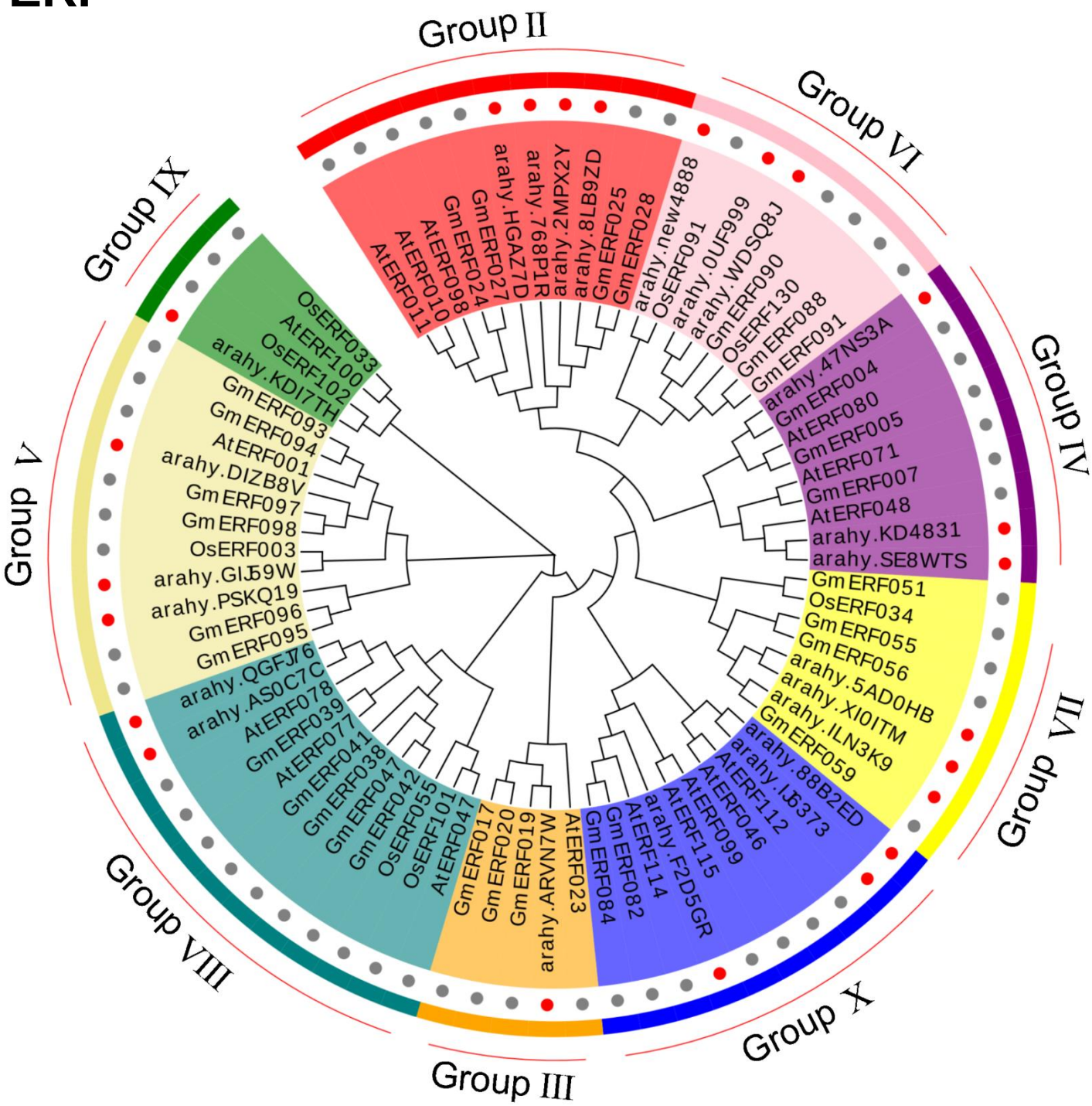
Figure S2. Phylogenetic relationships and subfamily designations of peanut TF families along with model species *Arabidopsis thaliana*, *Oryza sativa* and *Glycine max*. The colored branch indicates the different subfamilies. Red dots indicate peanut TF genes, grey dots indicate other species TF genes.



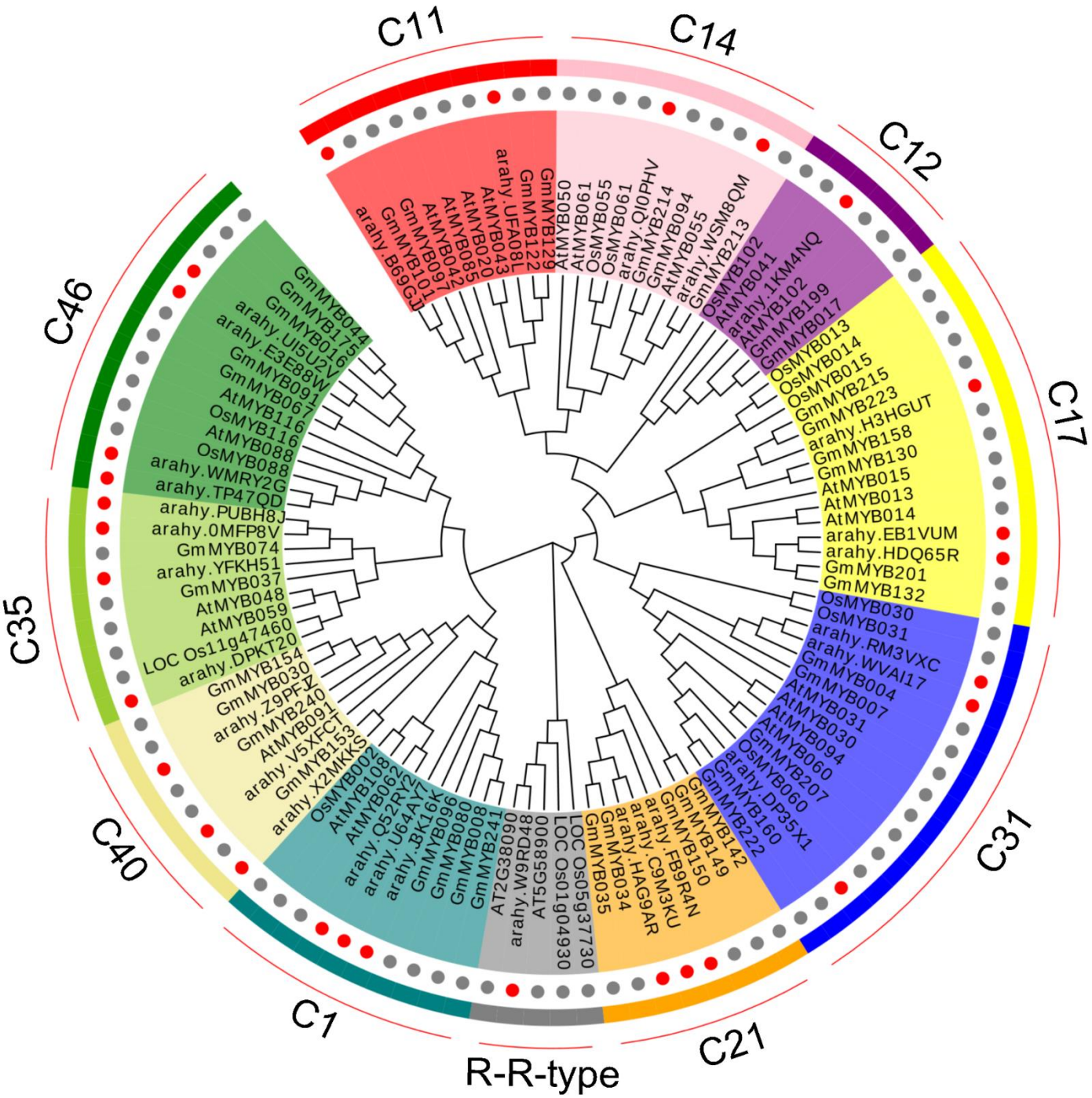
C2H2


C2-1iF
C1-1iAa
A1a
C2-1iA
A4
C1-3iA
C1-3iC
C1-2iB
Glyma.19G140400
Glyma.03G137500
arahy.FK7XM9
Glyma.10G103400
Glyma.02G183100
AT3G57480
AT2G41835
LOC Os07g38240
Glyma.06G033300
Glyma.04G033300
AT5G60470
arahy.6835ZM
arahy.4MT9SK
arahy.WE7PDB
arahy.32BR6K
Glyma.14G212000
Glyma.02G242400
Glyma.12G081700
Glyma.11G192400
Glyma.12G179000
arahy.PI0SH3
Glyma.20G005800
arahy.5VME1B
Glyma.02G311100
Glyma.12G070300
AT3G45260
arahy.YDP8E4
arahy.H7D8HY
LOC Os02g45054
Glyma.19G234500
Glyma.03G236600
LOC Os01g39110
AT4G06634
arahy.UJDXJV
Glyma.08G126300
Glyma.05G167900
LOC Os03g10140
arahy.U3PP50
LOC Os05g01550
arahy.MG2JR8
Glyma.20G235100
Glyma.10G153200
arahy.108W4S
AT1G02030
arahy.369ZBB
Glyma.17G257700
Glyma.14G218700
arahy.60QMTC
AT1G75710
AT4G35280
arahy.PC1F1T
LOC Os03g13600
AT1G66140
LOC Os04g08290
AT2G28710
arahy.55B6KH
Glyma.15G040700
Glyma.13G333400

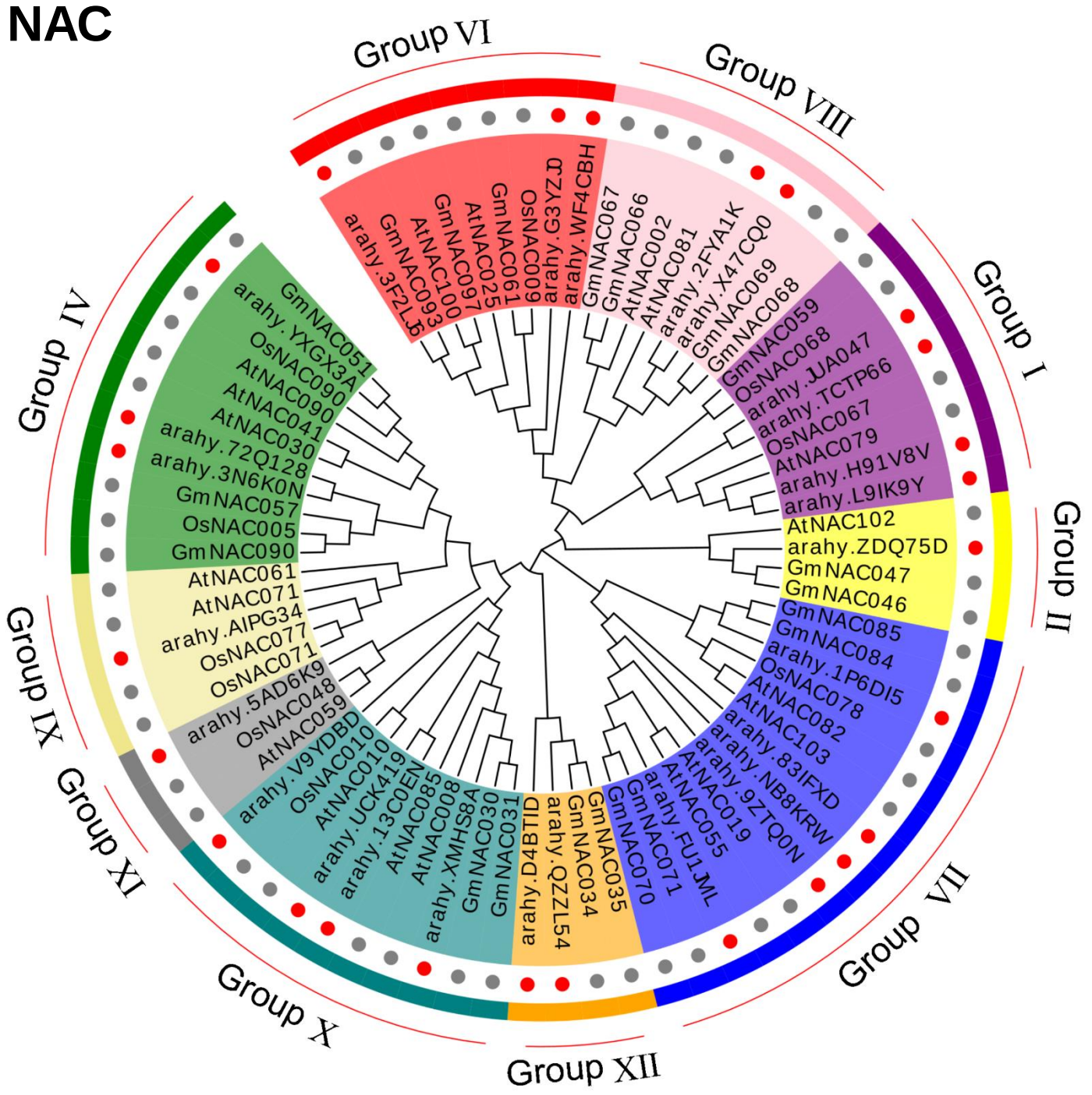
ERF

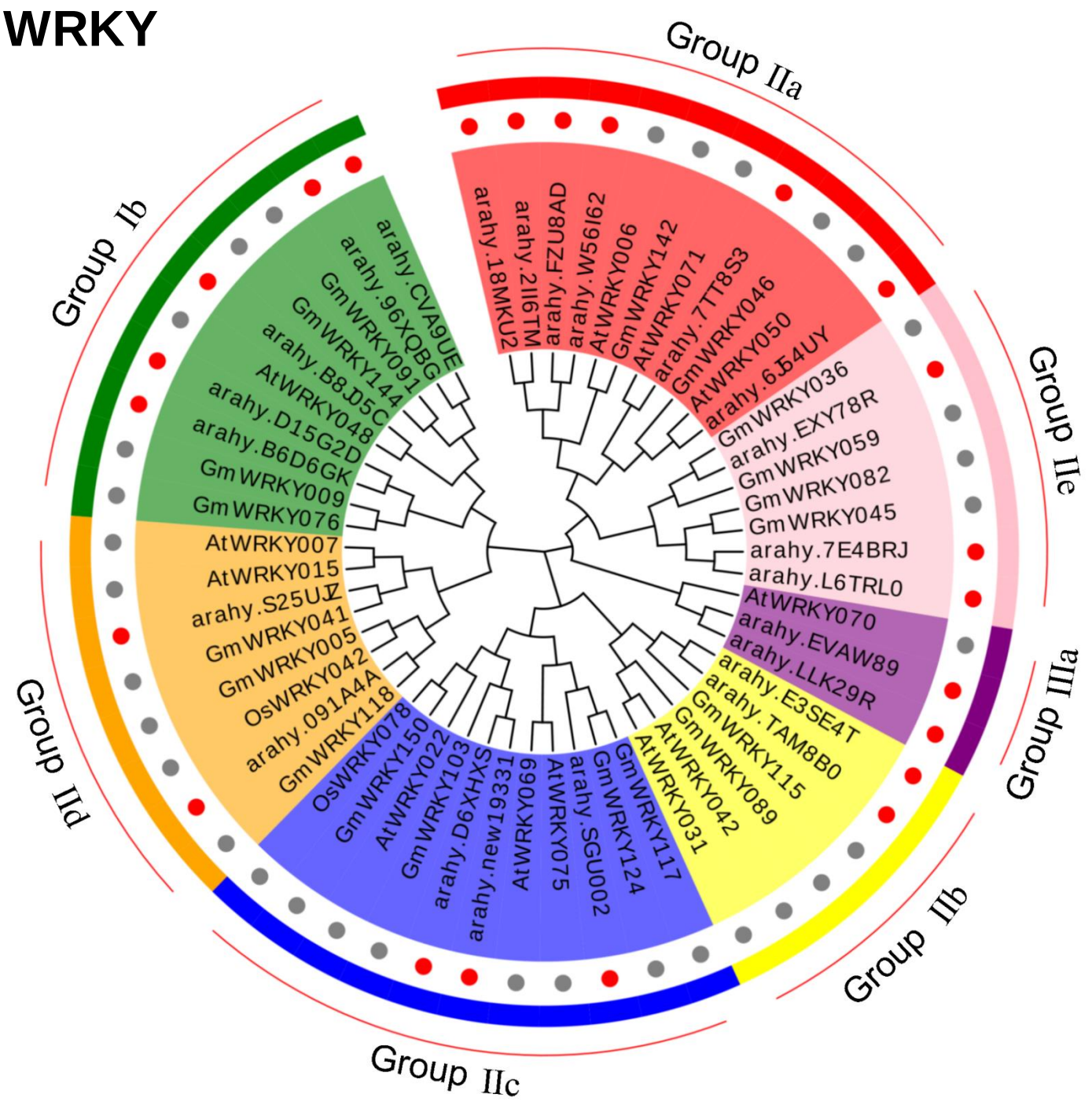

Group II
Group VI
Group IV
Group VII
Group X
Group III
Group VIII
Group V
Group IX
arahy.HGAZ7D
arahy.768P1R
arahy.2MPX2Y
arahy.8LB9ZD
GmERF027
GmERF024
GmERF025
GmERF028
AtERF010
AtERF098
AtERF011
arahy.new4888
OsERF091
arahy.0UF999
arahy.WDSQ8J
GmERF090
OsERF130
GmERF088
GmERF091
arahy.47NS3A
GmERF004
AtERF080
GmERF005
AtERF071
GmERF007
AtERF048
arahy.KD4831
arahy.SE8WTS
GmERF051
OsERF034
GmERF055
GmERF056
arahy.5AD0HB
arahy.XI0ITM
arahy.ILN3K9
GmERF059
arahy.88B2ED
arahy.I3373
AtERF112
AtERF046
AtERF099
AtERF115
arahy.F2D5GR
AtERF114
GmERF082
GmERF084
AtERF023
arahy.ARVN7W
GmERF019
GmERF020
GmERF017
AtERF047
OsERF101
OsERF055
GmERF042
GmERF047
GmERF038
GmERF041
AtERF077
GmERF039
AtERF078
arahy.AS0C7C
arahy.QGFJ76
GmERF095
GmERF096
arahy.PSKQ19
arahy.GIJ59W
OsERF003
GmERF098
GmERF097
arahy.DIZB8V
AtERF001
GmERF094
GmERF093
arahy.KDI7TH
OsERF102
AtERF100
OsERF033

MYB


C11
C14
C12
C17
C31
C21
R-R-type
C1
C40
C35
C46
GmMYB129
AtMYB050
AtMYB061
OsMYB055
OsMYB061
arahy.QI0PHV
GmMYB214
AtMYB094
AtMYB055
arahy.WSM8QM
GmMYB213
arahy.UFA08L
GmMYB122
AtMYB043
AtMYB020
AtMYB085
AtMYB042
AtMYB097
GmMYB101
arahy.B69GJJ
OsMYB102
AtMYB041
arahy.1KM4NQ
AtMYB102
GmMYB199
GmMYB017
OsMYB013
OsMYB014
OsMYB015
GmMYB215
GmMYB223
arahy.H3HGUT
GmMYB158
GmMYB130
AtMYB015
AtMYB013
AtMYB014
arahy.EB1VUM
arahy.HDQ65R
GmMYB201
GmMYB132
OsMYB030
OsMYB031
arahy.RM3VXC
arahy.WVAI17
GmMYB004
GmMYB007
AtMYB031
AtMYB030
AtMYB094
OsMYB060
GmMYB207
arahy.DP35X1
GmMYB160
GmMYB222
GmMYB142
GmMYB150
GmMYB149
arahy.FB9R4N
arahy.C9M3KU
arahy.HAG9AR
GmMYB034
GmMYB035
LOC Os05g37730
LOC Os01g04630
AT5G58900
arahy.W9RD48
AT2G38090
OsMYB007
AtMYB108
arahy.Q52RY2
arahy.U64AY7
arahy.BK16XK
GmMYB096
GmMYB080
GmMYB008
GmMYB241
GmMYB153
arahy.X2MKKS
arahy.V5XFCT
AtMYB091
GmMYB240
arahy.Z9PFJZ
GmMYB030
GmMYB154
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arahy.DPKT20
AtMYB059
AtMYB048
GmMYB037
arahy.YFKH51
GmMYB074
arahy.0MFP8V
arahy.PUBH8J
arahy.TP47QD
arahy.WMRY2G
OsMYB088
AtMYB116
OsMYB116
AtMYB088
GmMYB067
GmMYB091
arahy.E3E88W
arahy.UI5U2V
GmMYB016
GmMYB175
GmMYB044

NAC


Group VI
Group VIII
Group I
Group II
Group VII
Group XII
Group X
Group XI
Group IX
Group IV
GmNAC051
arahy.YXGX3A
OsNAC090
AtNAC090
AtNAC041
AtNAC030
arahy.72Q128
arahy.3N6K0N
GmNAC057
OsNAC005
GmNAC090
AtNAC061
AtNAC071
arahy.AIPG34
OsNAC077
OsNAC071
arahy.5AD6K9
OsNAC048
AtNAC059
arahy.V9YDBD
OsNAC010
AtNAC010
arahy.UCK419
arahy.13C0EN
AtNAC085
AtNAC008
arahy.XMHS8A
GmNAC030
GmNAC031
arahy.D4BTID
arahy.QZZL54
GmNAC034
GmNAC035
GmNAC070
GmNAC071
arahy.FU1JML
AtNAC055
AtNAC019
arahy.9ZTQ0N
arahy.NB8KRW
arahy.83IFXD
AtNAC103
AtNAC082
OsNAC078
arahy.1P6DI5
GmNAC084
GmNAC085
GmNAC046
GmNAC047
arahy.ZDQ75D
AtNAC102
arahy.L9IK9Y
arahy.H91V8V
AtNAC079
OsNAC067
arahy.TCTP66
arahy.JJA047
OsNAC068
GmNAC059
GmNAC068
GmNAC069
arahy.X47CQ0
arahy.2FYA1K
AtNAC081
AtNAC002
GmNAC066
GmNAC067
arahy.WF4CBH
arahy.G3YZJD
OsNAC009
GmNAC061
AtNAC025
GmNAC097
AtNAC100
GmNAC093
arahy.3F2LJB


WRKY
Group IIa
Group IIe
Group IIIa
Group IIb
Group IIc
Group IId
Group Ib
arahy.18MKU2
arahy.2I6TM
arahy.FZU8AD
arahy.W56I62
AtWRKY006
GmWRKY142
arahy.7T8S3
GmWRKY071
GmWRKY046
AtWRKY050
arahy.6J64UY
GmWRKY036
arahy.EXY78R
GmWRKY059
GmWRKY082
GmWRKY045
arahy.7E4BRJ
arahy.L6TRL0
AtWRKY070
arahy.EVAW89
arahy.LLK29R
arahy.E3SE4T
arahy.TAM8B0
GmWRKY115
GmWRKY089
AtWRKY042
AtWRKY031
GmWRKY117
GmWRKY124
arahy.SGU002
AtWRKY075
AtWRKY069
arahy.new19331
arahy.D6XHXS
GmWRKY103
GmWRKY022
AtWRKY150
OsWRKY078
GmWRKY118
arahy.091A4A
OsWRKY042
GmWRKY005
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arahy.S25UJZ
AtWRKY015
AtWRKY007
GmWRKY076
GmWRKY009
arahy.B6D6GK
arahy.D15G2D
AtWRKY048
arahy.B8JD5C
GmWRKY144
GmWRKY091
arahy.96XQBG
arahy.CVA9UE