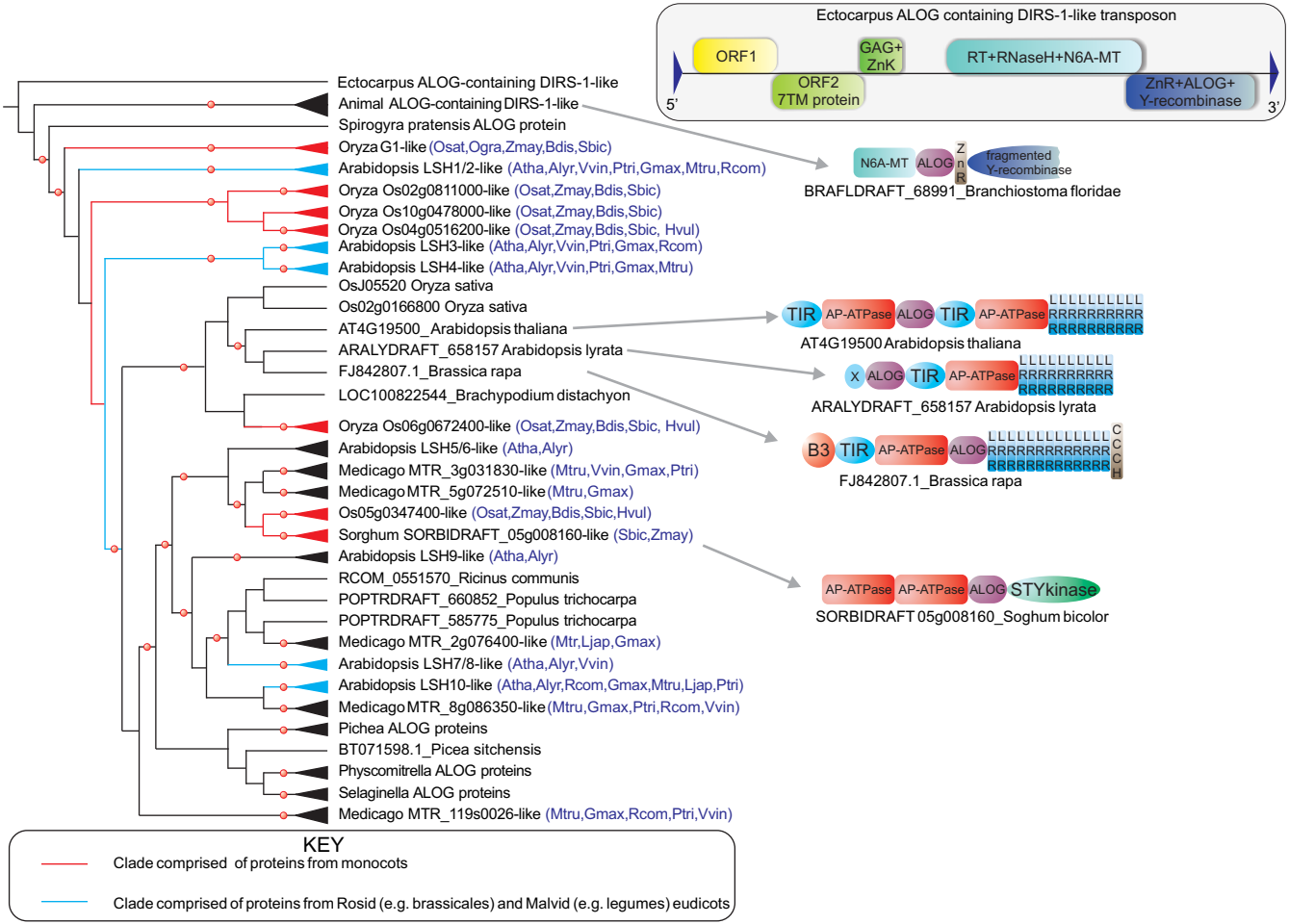
Ectocarpus ALOG containing DIRS-1-like transposon
ORF1
GAG+ ZnK
RT+RNaseH+N6A-MT
ORF2 7TM protein
ZnR+ALOG+ Y-recombinase
5'
3'
Ectocarpus ALOG-containing DIRS-1-like
Animal ALOG-containing DIRS-1-like
Spirogyra pratensis ALOG protein
Oryza G1-like (Osat,Ogra,Zmay,Bdis,Sbic)
Arabidopsis LSH1/2-like (Atha,Alyr,Vvin,Ptri,Gmax,Mtru,Rcom)
Oryza Os02g0811000-like (Osat,Zmay,Bdis,Sbic)
Oryza Os10g0478000-like (Osat,Zmay,Bdis,Sbic)
Oryza Os04g0516200-like (Osat,Zmay,Bdis,Sbic, Hvul)
Arabidopsis LSH3-like (Atha,Alyr,Vvin,Ptri,Gmax,Rcom)
Arabidopsis LSH4-like (Atha,Alyr,Vvin,Ptri,Gmax,Mtru)
OsJ05520 Oryza sativa
Os02g0166800 Oryza sativa
AT4G19500_Arabidopsis thaliana
ARALYDRAFT_658157 Arabidopsis lyrata
FJ842807.1_Brassica rapa
LOC100822544_Brachypodium distachyon
Oryza Os06g0672400-like (Osat,Zmay,Bdis,Sbic, Hvul)
Arabidopsis LSH5/6-like (Atha,Alyr)
Medicago MTR_3g031830-like (Mtru,Vvin,Gmax,Ptri)
Medicago MTR_5g072510-like (Mtru,Gmax)
Os05g0347400-like (Osat,Zmay,Bdis,Sbic,Hvul)
Sorghum SORBIDRAFT_05g008160-like (Sbic,Zmay)
Arabidopsis LSH9-like (Atha,Alyr)
RCOM_0551570_Ricinus communis
POPTRDRAFT_660852_Populus trichocarpa
POPTRDRAFT_585775_Populus trichocarpa
Medicago MTR_2g076400-like (Mtr,Ljap,Gmax)
Arabidopsis LSH7/8-like (Atha,Alyr,Vvin)
Arabidopsis LSH10-like (Atha,Alyr,Rcom,Gmax,Mtru,Ljap,Ptri)
Medicago MTR_8g086350-like (Mtru,Gmax,Ptri,Rcom,Vvin)
Pichea ALOG proteins
BT071598.1_Picea sitchensis
Physcomitrella ALOG proteins
Selaginella ALOG proteins
Medicago MTR_119s0026-like (Mtru,Gmax,Rcom,Ptri,Vvin)
N6A-MT
ALOG
Z n R
fragmented Y-recombinase
BRAFLDRAFT_68991_Branchiostoma floridae
TIR
AP-ATPase
ALOG
TIR
AP-ATPase
L L L L L L L L L L
R R R R R R R R R R
B B B B B B B B B B
AT4G19500 Arabidopsis thaliana
X
ALOG
TIR
AP-ATPase
L L L L L L L L L L
R R R R R R R R R R
B B B B B B B B B B
ARALYDRAFT_658157 Arabidopsis lyrata
B3
TIR
AP-ATPase
ALOG
L L L L L L L L L L L L L L
R R R R R R R R R R R R R R
B B B B B B B B B B B B B B
C C C T
FJ842807.1_Brassica rapa
AP-ATPase
AP-ATPase
ALOG
STYkinase
SORBIDRAFT 05g008160_Soghum bicolor
KEY
Clade comprised of proteins from monocots
Clade comprised of proteins from Rosid (e.g. brassicales) and Malvid (e.g. legumes) eudicots