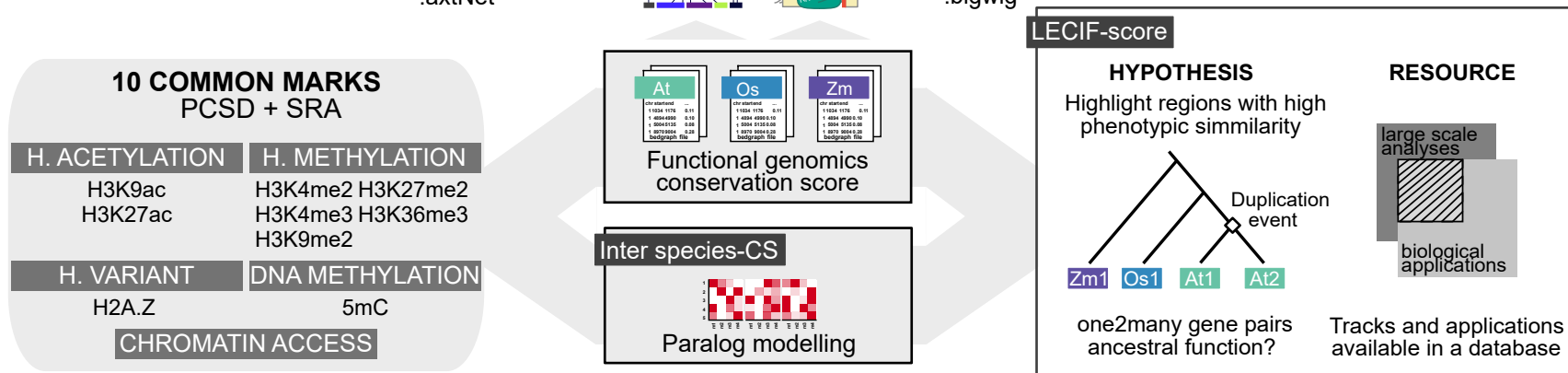
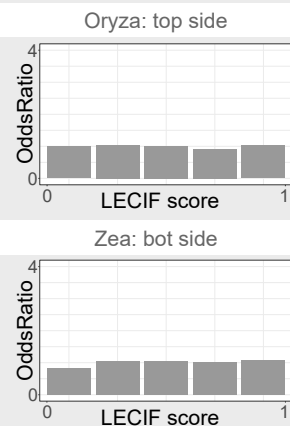


A diagram showing a 3D network structure. It consists of three horizontal layers of nodes. The top layer has five nodes (brown, blue, purple, green, dark blue). The middle layer has five nodes (brown, blue, purple, green, dark blue). The bottom layer has five nodes (brown, blue, purple, green, dark blue). Lines connect nodes between layers, forming a complex, interconnected network.

baseline RM
.bigwig



B Enrichment of At GWAS variants in LECIF binned regions



Oryza: left side

LECIF score
Mean: 0.16
Median: 0.16

Dice Similarity

HighBin
Mean: 0.17
Median: 0.15

MidBin

LowBin

Zea: right side

LECIF score
Mean: 0.17
Median: 0.15

Dice Similarity

HighBin
Mean: 0.17
Median: 0.15

MidBin

LowBin

Oryza: top side

LECIF score Coverage (%)

Phast Cons

CNEs

0.0 0.25 0.50 0.75 1.00

PCC = 0.004; SCC = 0.005

65

0.05

Zea: bot side

LECIF score Coverage (%)

Phast Cons

CNEs

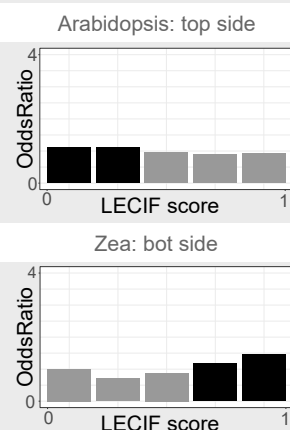
0.0 0.25 0.50 0.75 1.00

PCC = 0.022; SCC = 0.015

70

0.06

C Enrichment of Os GWAS variants in LECIF binned regions

[illegible]

Arabidopsis: top side

LECIF score Coverage (%)

Phast Cons CNEs

PCC = 0.043; SCC = 0.031

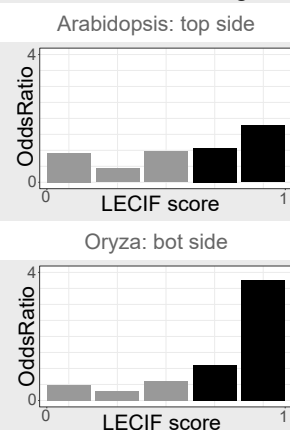
Zea: bot side

LECIF score Coverage (%)

Phast Cons CNEs

PCC = 0.119; SCC = 0.118

D Enrichment of Zm GWAS variants in LECIE binned regions



G

Arabidopsis: left side

LECIF score

Mean: 0.15
Median: 0.14

Dice Similarity

HighBin

MidBin

LowBin

Oryza: right side

LECIF score

Mean: 0.2
Median: 0.14

Dice Similarity

HighBin

MidBin

LowBin

CS1
CS2
CS3
CS4
CS5
CS6
CS7
CS8
CS9
CS10
CS11
CS12
CS13
CS14
CS15
CS16

0.0 0.5 1.0

0.0 0.5

0.0 0.5 1.0

0.0 0.5

9.09
5.91
10.82
6.15
1.47
20.52
1.39
13.57
15.5
6.15
13.15
3.03
3.02
4.01
13.65
2.56

16.98
14.6
7.93
16.51
11.94
13.05
12.42
10.28
9.3
15.7
15.67
14.93
15.22
16.59
15.41
13.48

Arabidopsis: top side

LECIF score Coverage (%)

Phast Cons CNEs

PCC = 0.007; SCC = 0.007

Oryza: bot side

LECIF score Coverage (%)

Phast Cons CNEs

PCC = 0.029; SCC = 0.029