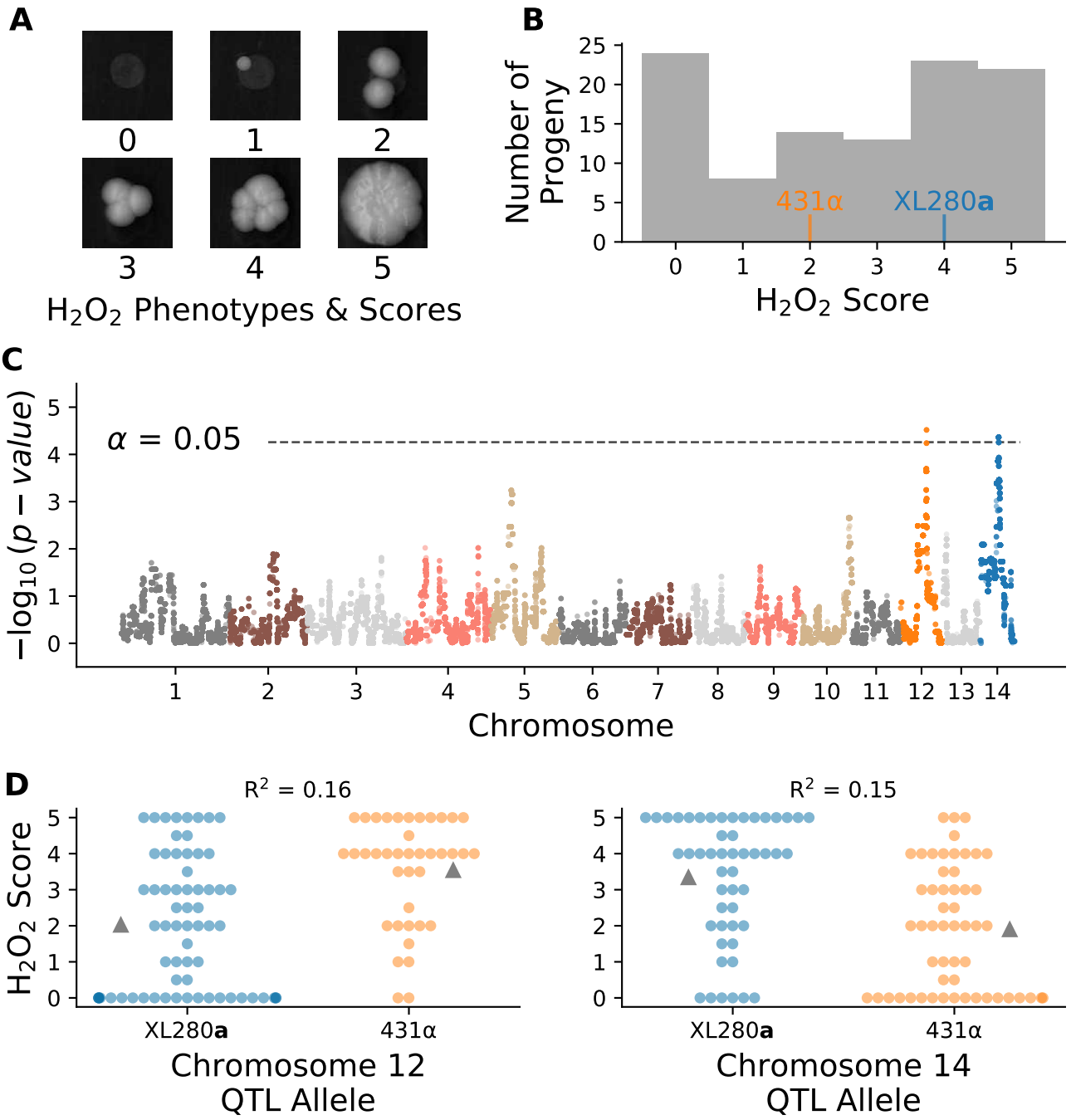
A
0
1
2
3
4
5
H2O2 Phenotypes & Scores
B
Number of Progeny
25
20
15
10
5
0
431α
XL280a
0
1
2
3
4
5
H2O2 Score
C
−log10 (p − value)
α = 0.05
5
4
3
2
1
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
Chromosome
D
H2O2 Score
R2 = 0.16
5
4
3
2
1
0
XL280a
431α
Chromosome 12
QTL Allele
R2 = 0.15
5
4
3
2
1
0
XL280a
431α
Chromosome 14
QTL Allele