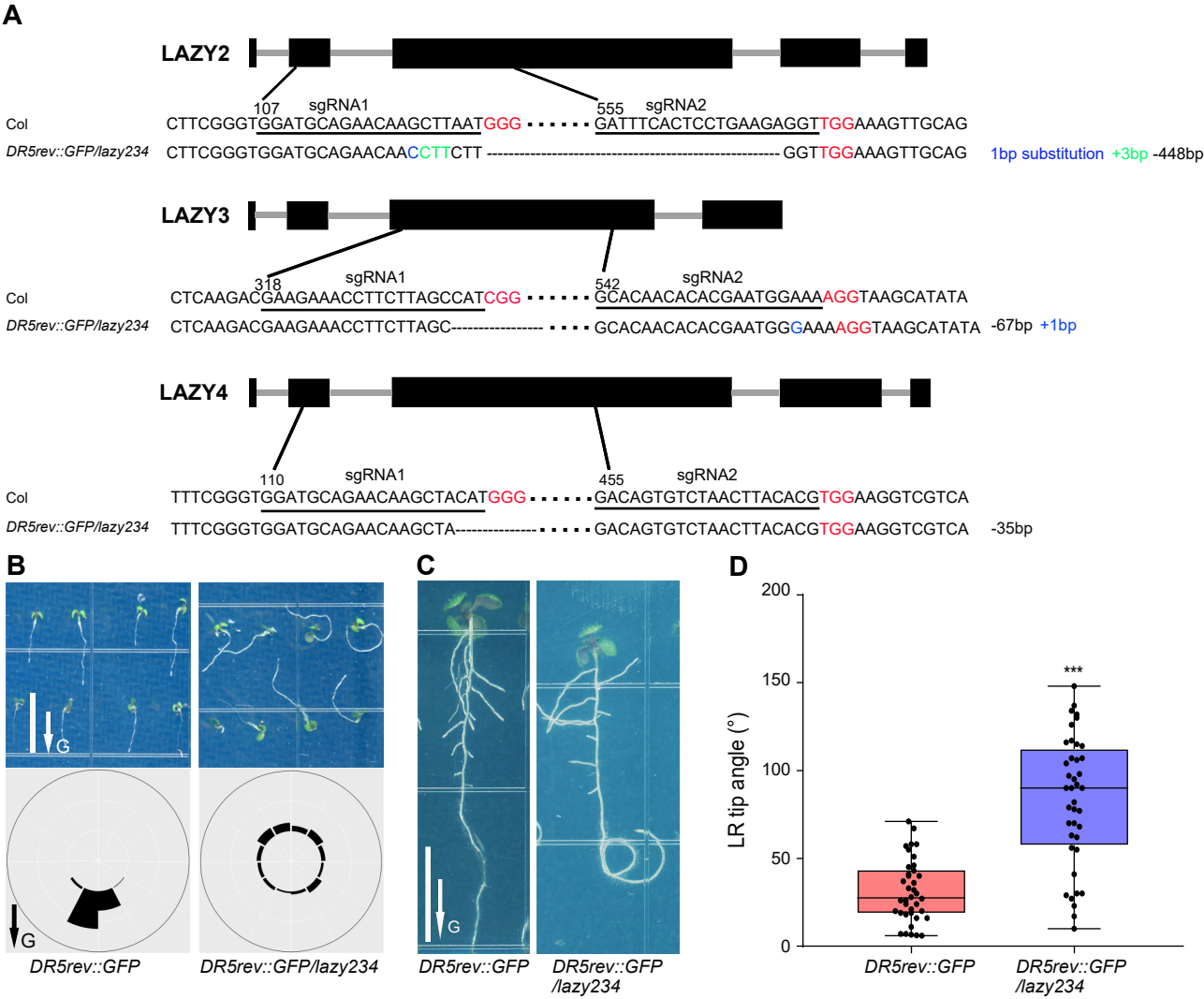
A
LAZY2
107
sgRNA1
555
sgRNA2
Col
CTTCGGGTGGATGCAGAACAAGCTTAATGGG
GATTTCACTCCTGAAGAGGTTGGAAAGTTGCAG
DR5rev::GFP/lazy234
CTTCGGGTGGATGCAGAACAACCTTCTT
GGTTGGAAAGTTGCAG
1bp substitution
+3bp
-448bp
LAZY3
318
sgRNA1
542
sgRNA2
Col
CTCAAGACGAAGAAACCTTCTTAGCCATCGG
GCACAACACACGAATGGAAAAGGTAAGCATATA
DR5rev::GFP/lazy234
CTCAAGACGAAGAAACCTTCTTAGC
GCACAACACACGAATGGGAAAAGGTAAGCATATA
-67bp
+1bp
LAZY4
110
sgRNA1
455
sgRNA2
Col
TTTCGGGTGGATGCAGAACAAGCTACATGGG
GACAGTGTCTAACTTACACGTGGAAGGTCGTCA
DR5rev::GFP/lazy234
TTTCGGGTGGATGCAGAACAAGCTA
GACAGTGTCTAACTTACACGTGGAAGGTCGTCA
-35bp
B
G
G
DR5rev::GFP
DR5rev::GFP/lazy234
C
G
DR5rev::GFP
DR5rev::GFP /lazy234
D
LR tip angle (°)
200
150
100
50
0
***
DR5rev::GFP
DR5rev::GFP /lazy234
E
DR5rev::GFP
G
20%
n=50
DR5rev::GFP
G
80%
n=50
F
DR5rev::GFP/lazy234
G
88.6%
n=44
DR5rev::GFP/lazy234
G
9.1%
n=44
DR5rev::GFP/lazy234
G
2.3%
n=44