[GANTC\_250 2](#_Toc39737326)

[GANTC\_100 4](#_Toc39737327)

[RCGCCTC\_100 6](#_Toc39737328)

[RCGCCTC\_250 8](#_Toc39737329)

[CGCANNNNNGTG\_100 10](#_Toc39737330)

[CGCANNNNNGTG\_250 12](#_Toc39737331)

[CACNNNNNTGCG\_100 14](#_Toc39737332)

[CACNNNNNTGCG\_250 16](#_Toc39737333)

# GANTC\_250

Fisher test (all) = significant (p=0.01072)

A picture containing bird

Description automatically generated

T-test = not significant (p= 0.05407)

A picture containing bird

Description automatically generated

Down Upregulated Genes Fisher = significant (p= 0.009355)

A picture containing bird

Description automatically generated

Down T-test = not significant (p= 0.07921)

A picture containing bird

Description automatically generated

Up Upregulated Genes Fisher = not significant (p= 0.3217)

A picture containing bird

Description automatically generated

Up T-test = not significant (p= 0.3226)

A picture containing bird

Description automatically generated

# GANTC\_100

Fisher Test = not significant (p= 0.8849)

A picture containing bird

Description automatically generated

T-test = not significant (p= 0.9786)

A picture containing bird

Description automatically generated

Down Upregulated Genes Fisher = not significant (p= 0.6592)

A picture containing bird

Description automatically generated

Down T-test = not significant (p= 0.4938)

A picture containing bird, flower

Description automatically generated

Up Upregulated Genes Fisher = not significant (p= 0.2443)

A picture containing bird

Description automatically generated

Up T-test = not significant (p = 0.1886)

**A picture containing bird

Description automatically generated**

# RCGCCTC\_100

Fisher = not significant (p= 0.6828)

A picture containing bird

Description automatically generated

T-test = not significant (p= 0.8825)

A picture containing bird

Description automatically generated

Down Upregulated Genes Fisher = not significant (p= 0.8152)

A picture containing bird

Description automatically generated

Down T-test = not significant (p= 0.7589)

A picture containing bird

Description automatically generated

Up Upregulated Genes Fisher = not significant (p= 0.861)

A picture containing bird

Description automatically generated

Up T-test = not significant (p= 0.896)

A picture containing bird

Description automatically generated

# RCGCCTC\_250

Fisher = not significant (p=0.1163)

A picture containing bird

Description automatically generated

T-test = not significant (p= 0.1179)

A picture containing bird

Description automatically generated

Down Upregulated Genes Fisher = not significant (p= 0.2419)

A picture containing bird

Description automatically generated

Down T-test = not significant (p= 0.1996)

A picture containing bird, flower

Description automatically generated

Up Upregulated Genes Fisher = not significant (p= 0.2953)

A picture containing bird

Description automatically generated

Up T -test = not significant (p= 0.2613)

A picture containing bird, flower

Description automatically generated

# CGCANNNNNGTG\_100

Fisher = not significant (p=1)

A picture containing bird

Description automatically generated

T-test = not significant (p= 0.8023)

A picture containing bird

Description automatically generated

Down Upregulated Genes Fisher = not significant (p=1)

A picture containing bird, flower

Description automatically generated

Down T-test = not significant (p= 0.7844)

A picture containing bird

Description automatically generated

Up fisher test = not significant (p=1)A picture containing bird

Description automatically generated

Up t-test = not significant (p= 0.9372)

A picture containing bird

Description automatically generated

# CGCANNNNNGTG\_250

Fisher test = not significant (p= 0.06566)

A picture containing bird

Description automatically generated

T- test = significant (p= 0.03085)  
A picture containing bird

Description automatically generated

Down upregulated genes fisher test = not significant (p= 0.06853)

A picture containing bird

Description automatically generated

Down upregulated genes T- test = significant (p= 0.0231)

A picture containing bird

Description automatically generated

Up upregulated genes fisher test = not significant (p= 0.6828)

A picture containing bird, flower

Description automatically generated

Up upregulated genes T- test = not significant (p= 0.4292)

A picture containing bird

Description automatically generated

# CACNNNNNTGCG\_100

Fisher test = not significant (p= 0.8586)

A screenshot of a social media post

Description automatically generated

T-test = not significant (p= 0.6896)

A picture containing bird, flower

Description automatically generated

Down upregulated genes fisher test = not significant (p= 0.8374)

A picture containing bird, flower

Description automatically generated

Down upregulated genes T-test = not significant (p= 0.6022)

A picture containing bird

Description automatically generated

Up upregulated genes fisher test = not significant (p= 1)

A picture containing bird

Description automatically generated

Up upregulated genes T-test = not significant (p= 0.9947)

A picture containing bird

Description automatically generated

# CACNNNNNTGCG\_250

Fisher test = significant (p= 0.03696)

A picture containing bird

Description automatically generated

T-test = significant (p= 0.01059)

A picture containing bird

Description automatically generated

Down upregulated genes fisher test = significant (p= 0.03536)

A picture containing bird

Description automatically generated

Down upregulated genes T-test = significant (p= 0.005517)

A picture containing bird

Description automatically generated

Up upregulated genes fisher test = not significant (p= 0.6851)

A picture containing bird, flower

Description automatically generated

Up upregulated genes T-test = not significant (p= 0.3923)

A picture containing bird

Description automatically generated