[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=0.001925)

A picture containing bird

Description automatically generated

T-test = significant (p= 0.009813)

A picture containing bird, flower

Description automatically generated

Down Upregulated Genes Fisher = significant (p= 0.00361)

A picture containing bird

Description automatically generated

Down T-test = significant (p=0.03177)

A picture containing bird

Description automatically generated

Up Upregulated Genes Fisher = not significant (p=0.1464)

A picture containing bird

Description automatically generated

Up T-test = not significant (p=0.1051)

A picture containing bird

Description automatically generated

# GANTC\_100

Fisher Test = not significant (p=0.809)

A picture containing bird

Description automatically generated

T-test = not significant (p=0.6308)

A picture containing bird

Description automatically generated

Down Upregulated Genes Fisher = not significant (p=0.4391)

A picture containing bird

Description automatically generated

Down T-test = not significant (p=0.3227)

A picture containing bird

Description automatically generated

Up Upregulated Genes Fisher = not significant (p=0.4204)

A picture containing bird

Description automatically generated

Up T-test = not significant (p= 0.4139)

**A picture containing bird

Description automatically generated**

# RCGCCTC\_100

Fisher = not significant (p=0.08299)

A picture containing bird

Description automatically generated

T-test = not significant (p= 0.08509)

A picture containing bird

Description automatically generated

Down Upregulated Genes Fisher = not significant (p=0.06156)

A picture containing bird, flower

Description automatically generated

Down T-test = significant (p=0.03414)

A picture containing bird

Description automatically generated

Up Upregulated Genes Fisher = not significant (p=0.7891)

A picture containing bird

Description automatically generated

Up T-test = not significant (p=0.9141)

A picture containing bird

Description automatically generated

# RCGCCTC\_250

Fisher = significant (p=0.03031)

A picture containing bird

Description automatically generated

T-test = significant (p= 0.02677)

A picture containing bird

Description automatically generated

Down Upregulated Genes Fisher = not significant (p=0.1259)

A picture containing bird

Description automatically generated

Down T-test = not significant (p=0.1003)

A picture containing bird

Description automatically generated

Up Upregulated Genes Fisher = not significant (p=0.07187)

A picture containing bird

Description automatically generated

Up T -test = not signifiant (p=0.06504)

A picture containing bird

Description automatically generated

# CGCANNNNNGTG\_100

Fisher = not significant (p=0.518)

A picture containing bird

Description automatically generated

T-test = not significant (p= 0.4282)

A picture containing bird

Description automatically generated

Down Upregulated Genes Fisher = not significant (p=0.3031)

A picture containing bird

Description automatically generated

Down T-test = not significant (p=0.2045)

A picture containing bird, flower

Description automatically generated

Up fisher test = not significant (p=0.6451)

A picture containing bird

Description automatically generated

Up t-test = not significant (p=0.7197)

A picture containing bird

Description automatically generated

# CGCANNNNNGTG\_250

Fisher test = not significant (p = 0.05114)

A picture containing bird

Description automatically generated

T- test = significant (p=0.0207)  
A picture containing bird

Description automatically generated

Down upregulated genes fisher test = significant (p=0.006323)

A picture containing bird

Description automatically generated

Down upregulated genes T- test = significant (p=0.0007924)

A picture containing bird

Description automatically generated

Up upregulated genes fisher test = not significant (p=0.6433)

A picture containing bird

Description automatically generated

Up upregulated genes T- test = not significant (p=0.7167)

A picture containing bird

Description automatically generated

# CACNNNNNTGCG\_100

Fisher test = not significant (p=0.4206)

A picture containing bird

Description automatically generated

T-test = not significant (p=0.2848)

A picture containing bird

Description automatically generated

Down upregulated genes fisher test = not significant (p=0.2861)

A picture containing bird

Description automatically generated

Down upregulated genes T-test = not significant (p=0.16)

A picture containing bird

Description automatically generated

Up upregulated genes fisher test = not significant (p=0.8148)

A picture containing bird

Description automatically generated

Up upregulated genes T-test = not significant (p= 0.9449)

A picture containing bird

Description automatically generated

# CACNNNNNTGCG\_250

Fisher test = significant (p=0.01259)

A picture containing bird

Description automatically generated

T-test = significant (p=0.003418)

A picture containing bird

Description automatically generated

Down upregulated genes fisher test = significant (p=0.001619)

A picture containing bird

Description automatically generated

Down upregulated genes T-test = significant (p=6.874e-05)

A picture containing bird

Description automatically generated

Up upregulated genes fisher test = not significant (p=0.8773)

A picture containing bird

Description automatically generated

Up upregulated genes T-test = not significant (p=0.9416)

A picture containing bird

Description automatically generated