

Table S3: Tukey's post-hoc pairwise contrasts for the interaction Genomic Category*Supergroup.

The column contrast indicates the factor categories being compared by the post-hoc test and the columns before contrast indicate which factors are being tested (*) or fixed. For each comparison we provide its t-ratio and p-value. Significant p-values are in bold.

Genomic Category	Supergroup	Contrast	t-ratio	p-value
Exonic	*	Plants - Protostomes	0.96	0.999
Exonic	*	Plants - Deuterostomes	-0.02	1.000
Exonic	*	Protostomes - Deuterostomes	-1.04	0.998
Intergenic	*	Plants - Protostomes	6.75	<0.001
Intergenic	*	Plants - Deuterostomes	12.36	<0.001
Intergenic	*	Protostomes - Deuterostomes	-0.14	1.000
Intronic	*	Plants - Protostomes	-8.20	<0.001
Intronic	*	Plants - Deuterostomes	-13.36	<0.001
Intronic	*	Protostomes - Deuterostomes	1.11	0.996
*	Plants	Exonic - Intergenic	-24.70	<0.001
*	Plants	Exonic - Intronic	-1.06	0.998
*	Plants	Intergenic - Intronic	23.64	<0.001
*	Protostomes	Exonic - Intergenic	-8.03	<0.001
*	Protostomes	Exonic - Intronic	-7.81	<0.001
*	Protostomes	Intergenic - Intronic	0.21	1.000
*	Deuterostomes	Exonic - Intergenic	-23.16	<0.001
*	Deuterostomes	Exonic - Intronic	-19.57	<0.001
*	Deuterostomes	Intergenic - Intronic	3.59	0.011