













Statistical Comparisons for Expression Noise (CV) by Bewick Group in Celltypes (Mean > 0.5 Filtered)

Context	Filter_Tag	Specific_Context	Group_Type	Comparison	P_value_Formatted
CV Expr by Celltype	Mean > 0.5 Filtered	border cells	bewick_group	Overall (Kruskal–Wallis)	9.7772e−04
CV Expr by Celltype	Mean > 0.5 Filtered	border cells	bewick_group	gbM vs Unmethylated	9.7804e−04
CV Expr by Celltype	Mean > 0.5 Filtered	root cap early	bewick_group	Overall (Kruskal–Wallis)	5.1827e−03
CV Expr by Celltype	Mean > 0.5 Filtered	root cap early	bewick_group	gbM vs Unmethylated	5.1842e−03
CV Expr by Celltype	Mean > 0.5 Filtered	root cap tip	bewick_group	Overall (Kruskal–Wallis)	3.1836e−02
CV Expr by Celltype	Mean > 0.5 Filtered	root cap tip	bewick_group	gbM vs Unmethylated	3.1843e−02
CV Expr by Celltype	Mean > 0.5 Filtered	root cap lateral	bewick_group	Overall (Kruskal–Wallis)	4.5149e−02
CV Expr by Celltype	Mean > 0.5 Filtered	root cap lateral	bewick_group	gbM vs Unmethylated	4.5159e−02
CV Expr by Celltype	Mean > 0.5 Filtered	columella	bewick_group	Overall (Kruskal–Wallis)	6.1852e−01
CV Expr by Celltype	Mean > 0.5 Filtered	columella	bewick_group	gbM vs Unmethylated	6.1859e−01
CV Expr by Celltype	Mean > 0.5 Filtered	non–hair cells	bewick_group	Overall (Kruskal–Wallis)	3.6752e−03
CV Expr by Celltype	Mean > 0.5 Filtered	non–hair cells	bewick_group	gbM vs Unmethylated	3.6763e−03
CV Expr by Celltype	Mean > 0.5 Filtered	epidermis early	bewick_group	Overall (Kruskal–Wallis)	8.0373e−01
CV Expr by Celltype	Mean > 0.5 Filtered	epidermis early	bewick_group	gbM vs Unmethylated	8.0380e−01
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells early	bewick_group	Overall (Kruskal–Wallis)	9.1785e−02
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells early	bewick_group	gbM vs Unmethylated	9.1803e−02
CV Expr by Celltype	Mean > 0.5 Filtered	cortex ERS+	bewick_group	Overall (Kruskal–Wallis)	1.0759e−03
CV Expr by Celltype	Mean > 0.5 Filtered	cortex ERS+	bewick_group	gbM vs Unmethylated	1.0762e−03
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells ERS+	bewick_group	Overall (Kruskal–Wallis)	1.5789e−02
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells ERS+	bewick_group	gbM vs Unmethylated	1.5793e−02
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells ERS−	bewick_group	Overall (Kruskal–Wallis)	1.1356e−03
CV Expr by Celltype	Mean > 0.5 Filtered	hair cells ERS−	bewick_group	gbM vs Unmethylated	1.1359e−03
CV Expr by Celltype	Mean > 0.5 Filtered	xpp ERS−	bewick_group	Overall (Kruskal–Wallis)	8.5071e−01
CV Expr by Celltype	Mean > 0.5 Filtered	xpp ERS−	bewick_group	gbM vs Unmethylated	8.5078e−01
CV Expr by Celltype	Mean > 0.5 Filtered	cortex ERS−	bewick_group	Overall (Kruskal–Wallis)	6.5234e−02
CV Expr by Celltype	Mean > 0.5 Filtered	cortex ERS−	bewick_group	gbM vs Unmethylated	6.5247e−02
CV Expr by Celltype	Mean > 0.5 Filtered	endodermis ERS−	bewick_group	Overall (Kruskal–Wallis)	9.4799e−01
CV Expr by Celltype	Mean > 0.5 Filtered	endodermis ERS−	bewick_group	gbM vs Unmethylated	9.4807e−01
CV Expr by Celltype	Mean > 0.5 Filtered	endodermis ERS+	bewick_group	Overall (Kruskal–Wallis)	6.4362e−02
CV Expr by Celltype	Mean > 0.5 Filtered	endodermis ERS+	bewick_group	gbM vs Unmethylated	6.4375e−02

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CV Expr by Celltype	Mean > 0.5 Filtered	xpp ERS+	bewick_group	Overall (Kruskal–Wallis)	4.7386e−01
CV Expr by Celltype	Mean > 0.5 Filtered	xpp ERS+	bewick_group	gbM vs Unmethylated	4.7391e−01
CV Expr by Celltype	Mean > 0.5 Filtered	ppp ERS+	bewick_group	Overall (Kruskal–Wallis)	5.6254e−02
CV Expr by Celltype	Mean > 0.5 Filtered	ppp ERS+	bewick_group	gbM vs Unmethylated	5.6266e−02
CV Expr by Celltype	Mean > 0.5 Filtered	ppp ERS−	bewick_group	Overall (Kruskal–Wallis)	4.9120e−02
CV Expr by Celltype	Mean > 0.5 Filtered	ppp ERS−	bewick_group	gbM vs Unmethylated	4.9131e−02
CV Expr by Celltype	Mean > 0.5 Filtered	procambium ERS+	bewick_group	Overall (Kruskal–Wallis)	5.9686e−01
CV Expr by Celltype	Mean > 0.5 Filtered	procambium ERS+	bewick_group	gbM vs Unmethylated	5.9693e−01
CV Expr by Celltype	Mean > 0.5 Filtered	procambium ERS−	bewick_group	Overall (Kruskal–Wallis)	5.3861e−01
CV Expr by Celltype	Mean > 0.5 Filtered	procambium ERS−	bewick_group	gbM vs Unmethylated	5.3867e−01
CV Expr by Celltype	Mean > 0.5 Filtered	protophloem ERS−	bewick_group	Overall (Kruskal–Wallis)	4.9469e−01
CV Expr by Celltype	Mean > 0.5 Filtered	protophloem ERS−	bewick_group	gbM vs Unmethylated	4.9474e−01
CV Expr by Celltype	Mean > 0.5 Filtered	metaphloem ERS−	bewick_group	Overall (Kruskal–Wallis)	4.7027e−01
CV Expr by Celltype	Mean > 0.5 Filtered	metaphloem ERS−	bewick_group	gbM vs Unmethylated	4.7032e−01
CV Expr by Celltype	Mean > 0.5 Filtered	protophloem ERS+	bewick_group	Overall (Kruskal–Wallis)	1.3742e−01
CV Expr by Celltype	Mean > 0.5 Filtered	protophloem ERS+	bewick_group	gbM vs Unmethylated	1.3745e−01
CV Expr by Celltype	Mean > 0.5 Filtered	metaphloem ERS+	bewick_group	Overall (Kruskal–Wallis)	5.7153e−02
CV Expr by Celltype	Mean > 0.5 Filtered	metaphloem ERS+	bewick_group	gbM vs Unmethylated	5.7165e−02
CV Expr by Celltype	Mean > 0.5 Filtered	metaxylem ERS+	bewick_group	Overall (Kruskal–Wallis)	4.2895e−06
CV Expr by Celltype	Mean > 0.5 Filtered	metaxylem ERS+	bewick_group	gbM vs Unmethylated	4.2914e−06
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem early	bewick_group	Overall (Kruskal–Wallis)	1.4499e−06
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem early	bewick_group	gbM vs Unmethylated	1.4505e−06
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem ERS−	bewick_group	Overall (Kruskal–Wallis)	1.0826e−01
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem ERS−	bewick_group	gbM vs Unmethylated	1.0828e−01
CV Expr by Celltype	Mean > 0.5 Filtered	metaxylem ERS−	bewick_group	Overall (Kruskal–Wallis)	7.9895e−04
CV Expr by Celltype	Mean > 0.5 Filtered	metaxylem ERS−	bewick_group	gbM vs Unmethylated	7.9921e−04
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem ERS+	bewick_group	Overall (Kruskal–Wallis)	1.7956e−04
CV Expr by Celltype	Mean > 0.5 Filtered	protoxylem ERS+	bewick_group	gbM vs Unmethylated	1.7963e−04