

S2 Table. Scheffe's score for Qubit dataset based on the difference series comparisons

Scheffe's Critic	First Comparison	Second Comparison	Scheffe's Score
27.61*	FAST tube + Mix beads FAST + G2	FAST tube + Mix beads FAST - G2	172.86
	FAST tube + 1.4 mm beads - G2	FAST tube + 0.1 mm beads - G2	1.12
	FAST tube + Mix beads FAST - G2	FAST tube + 1.4 mm beads - G2	55.01
	FAST tube + Mix beads FAST - G2	FAST tube + 0.1 mm beads - G2	71.78
	Ampliqon tube + 1.4 mm beads + G2	Ampliqon tube + 1.4 mm beads - G2	292.02
	Ampliqon tube + 0.1 mm beads + G2	Ampliqon tube + 0.1 mm beads - G2	46.50
	Ampliqon tube + 1.4 mm beads + G2	Ampliqon tube + 0.1 mm beads + G2	132.48
	FAST tube + 1.4 mm beads - G2	FAST tube + 0.1 mm beads - G2	1.12
	Ampliqon tube + 1.4 mm beads - G2	Ampliqon tube + 0.1 mm beads - G2	1.54
	Ampliqon tube + Mix beads FAST - G2	FAST tube + Mix beads FAST - G2	15.80
	Ampliqon tube + 1.4 mm beads - G2	FAST tube + 1.4 mm beads - G2	0.31
	Ampliqon tube + 0.1 mm beads - G2	FAST tube + 0.1 mm beads - G2	0.55
	FAST tube + Mix beads FAST - G2	Ampliqon tube + Mix beads FAST - G2	15.80
	Fast Tube + Mixed Beads + Neg + G2	FAST tube + Mix beads FAST + G2	675.95

(*) Scheffe's Critic - calculated based on DNA amount
(172.86) Statistically significant