

Materials List for:

Physiological Recordings and RNA Sequencing of the Gustatory Appendages of the Yellow-fever Mosquito *Aedes aegypti*

Jackson T. Sparks¹, Joseph C. Dickens¹

¹Agricultural Research Service, Henry A. Wallace Beltsville Agricultural Research Center, Plant Sciences Institute, Invasive Insect Biocontrol and Behavior Laboratory, United States Department of Agriculture

Correspondence to: Joseph C. Dickens at Joseph.Dickens@ars.usda.gov

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Materials

Name	Company	Catalog Number	Comments
Glass capillary	A-M Systems	628000	Standard, 1.5 mm X 0.86 mm, 4"
Silver wire	A-M Systems	7875	.015" bare
Tungsten wire	Alfa Products	369	0.127 mm diameter
Fine forceps	Fine Science Tools	11252	#5SF Inox
Refridgerated stage	BioQuip Products	1429	Chill Table
Preamplifier	Syntech	Taste Probe	preamplifier
Software for electrophysiology	Syntech	Autospike	software for electrophysiology
TetraMin fish food	Tetra	Tropical fish food granules	fish food ground to fine powder
TRIzol	Life Technologies	15596-026	RNA isolation reagent
RNeasy Plus Mini Kit	Qiagen	74136	includes gDNA eliminator and RNeasy spin columns
Nanodrop spectrophotometer	Nano Drop Products	ND-1000	tabletop spectrometer
R statistics	freeware (created by Robert Gentleman and Ross Ihaka)	www.r-project.org	Use the lm function of the stats package and the equiv.boot function of the equivalence package in the R computing environment.
1.5 ml tube rack	Evergreen	240-6388-030	Pour liquid nitrogen into a few empty wells to freeze and grind tissue.
1.5 ml collection tubes with pestle	Grainger	6HAX6	RNase free
Centrifuge	Thermo Scientific	11178160	Spin down frozen tissue to keep at bottom of 1.5 ml tube.
Primer-BLAST Primer Designing tool	NCBI	n/a	