

Materials List for:

# Purification of Low-abundant Cells in the Drosophila Visual System

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## Materials

Name	Company	Catalog Number	Comments
Liberase TM	Roche	5401127001	Proteolytic enzyme blend
NaCl	Sigma-Aldrich	S3014	
KCl	Sigma-Aldrich	P9541	
NaH <sub>2</sub> PO <sub>4</sub>	Sigma-Aldrich	S9638	
NaHCO <sub>3</sub>	Sigma-Aldrich	S5761	
Glucose	Sigma-Aldrich	G0350500	
L-Glutathione	Sigma-Aldrich	G6013	
Heat Inactivated Bovine Serum	Sigma-Aldrich	F4135	
Insulin Solution	Sigma-Aldrich	I0516	
L-Glutamine	Sigma-Aldrich	G7513	
Penicillin-Streptomycin Solution	Sigma-Aldrich	P4458	
Schneider's Culture Medium	Gibco	21720024	
Papain	Worthington	LK003178	
2-Mercaptoethanol	Sigma-Aldrich	M6250-100ML	
RNeasy Micro Kit	Qiagen	74004	RNA purification kit
RNase-free DNase	Qiagen	79254	
SuperScript II Reverse Transcriptase	Life Technologies	18064-014	
dNTP Mix	Life Technologies	R0191	
MgCl <sub>2</sub> Solution	Sigma-Aldrich	M1028-10X1ML	
Betaine Solution	Sigma-Aldrich	B0300-1VL	
RNaseOUT	Life Technologies	10777-019	
Q5 High-Fidelity 2x Master Mix	New England Biolabs	M0492S	
MinElute PCR Purification Kit	Qiagen	28004	
Nextera XT DNA Library Preparation Kit	Illumina	FC-131-1024	
Nextera XT Index Kit	Illumina	FC-131-1001	
Test Tube with Cell Strainer Snap Cap	Falcon	352235	
Bottle-Top Vacuum Filter Systems	Corning	CLS431153	
ThermoMixer F1.5	Eppendorf	5384000020	
FACSAria Flow Cytometer	BD Biosciences	656700	
HiSeq 2500 Sequencing System	Illumina	SY-401-2501	