

Materials List for:

Sample Preparation and Analysis of RNASeq-based Gene Expression Data from Zebrafish

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Materials

Name	Company	Catalog Number	Comments
Commercial Reagents			
TriZol	Thermo Scientific	15596026	lysis reagent
TrypLE	Gibco	12604013	dissociation buffer 1
FACSMax	Genlantis	T200100	dissociation buffer 2
DEPC-treated water	Sigma	95284	
FirstStrand cDNA conversion	Thermo Scientific	K1621	cDNA conversion kit
2X SYBR Green Master Mix	Roche	4707516001	qRT-PCR Master Mix
FACS buffer	Fisher Scientific	50-105-9042	
chloroform	Sigma Aldrich	288306	
sodium acetate	Sigma Aldrich	S2889	
Name	Company	Catalog Number	Comments
Zebrafish Strains			
Tuebingen	ZIRC	ZL57	
ins2a:mCherry	ZIRC	ZL1483	
Name	Company	Catalog Number	Comments
Equipment			
40 micron cell strainer	Sigma	CLS431750	
FACS tube	BD Falcon	352063	
hemocytometer	Sigma	Z359629	
Dissecting Microscope	Zeiss		
Inverted Microscope	Zeiss		
Nanodrop	Thermo Scientific		
Illumina HiSeq	Illumina		
LightCycler 480	Roche		
Mating tanks 1.0L Crossing Tank Set	Aquaneering	ZHCT100	
FACS tube 5 mL polypropylene tube	BD Falcon	352063	
Name	Company	Catalog Number	Comments
Software			
Excel	Microsoft		
Consensus Path DB	http://cpdb.molgen.mpg.de/		
GO Enrichment Analysis	http://geneontology.org/page/go-enrichment-analysis		