

Materials List for:

High-throughput DNA Extraction and Genotyping of 3dpf Zebrafish Larvae by Fin Clipping

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Materials

Name	Company	Catalog Number	Comments
Petri dish	Corning	430167	
Microscalpel	World Precision Instruments	500249	
Stereomicroscope	Nikon	SMZ1500	
Tricaine/Ethyl 3-aminobenzoate methanesulfonate	Sigma-Aldrich	E10521	
96-well Tissue-culture plate	Costar	3595	
96-well PCR plate	Fisher	14230232	
NaOH	Fisher	S25548A	
Tris base	Sigma-Aldrich	T1503	
NaCl	Fisher	BP358-10	
KCl	Sigma-Aldrich	P3911	
MgSO4	Sigma-Aldrich	230391	
5% Chelex 100 sodium form	Sigma-Aldrich	C7901	
GelRed 1x	Biotium	41003	
Boric Acid	Sigma-Aldrich	B6768	
Sub-Cell Model 192 system	Bio-Rad	1704508	
30 % Acrylamide/Bis Solution, 37.5: 1	Bio-Rad	1610158	
GoTaq Green Master Mix, 2X	Promega	M7123	
paper wipes (Kimwipes® disposable wipers)	Sigma-Aldrich	Z188956	
1kb-plus molecular weight marker	Thermo Scientific	SM1343	
Nuclease free water	Sigma-Aldrich	W4502	
Sub-Cell Model 192 system (high-throughput agarose gel system)	Bio-Rad	1704508	
vertical gel electrophoresis system Mini-PROTEAN Tetra Cell	Bio-Rad	1658004	