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MDPI

Table S1

Reagents used for molecular procedures

Reagents and buffer ingredients used for molecular protocols. In parentheses volumes of reagenets needed to reach the specified volume of buffer.

Regeants		**Concentration**	**Supplier**
TE Buffer	(100 ml)		
Tris-HCl	(90 ml)	10 mM	Carl Roth
EDTA	(10 ml)	1 mM	Carl Roth
Vertebrate Lysis Buffer	(100 ml)		
NaCl	(4 ml)	100 M	Carl Roth
Tris-HCl	(10 ml)	1 M	Carl Roth
EDTA	(4 ml)	0.5 M	Carl Roth
SDS	(5 ml)	20 %	Carl Roth
Water	(77 ml)		
Proteinase K solution		20 mg/ml	Bioline
Binding Buffer	(14 ml)		
GuSCN	(7 ml)	4 M	Carl Roth
Ethanol	(7 ml)	96 %	Carl Roth
Washing Buffer 1	(20 ml)		
GuSCN	(5.2 ml)	4 M	Carl Roth
Ethanol	(14.8 ml)	96 %	Carl Roth
Washing Buffer 2	(475 ml)		
Ethanol	(300 ml)	60 %	Carl Roth
NaCl	(4.75 ml)	50 mM	Carl Roth
Tris-HCl	(4.75 ml)	10 mM	Carl Roth
EDTA	(0.475 ml)	0.5 mM	Carl Roth
Taq-DNA Polymerase		5 U/µl	Peqlab
Reactionbuffer Y		2.5 mM	Peqlab
$MgCl_2$		25 mM	Peqlab
dNTPs		2.5 mM	Carl Roth
EasyLadder I		100 lanes	Bioline
peqGOLD Universal Agarose			Peqlab
Loading Buffer	(10 ml)		
Bromophenol blue	(0.25 g)		Carl Roth
Sucrose	(4 g)		Carl Roth
Water	(5 ml)		
TE Buffer	(5 ml)	1×	
SYBR™ Green		10.000×	ThermoFisher
TAE Buffer (stock): dilution of 242.3 g Tris and 37.2 g EDTA, in 58 ml Glacial acetic acid. Concentration for 1x TAE is 40 mM Tris and 2 mM EDTA.			