Date:

CIVE PCR Protocol

VE-Cadherin Primer Fwd 5'- GCAGGCAGCTCACAAAGGAACAAT -3'

VE-Cadherin Gene Rev 5'- TGTCCTTGCTGAGTGACAGTGGAA -3'

VE-Cadherin Cre Rev 5'- ATCACTCGTTGCATCGACCGGTAA -3'

Reagent	1 Reaction	Reactions	Cycles		
10x Buffer (Hotmaster)	3 ul		94°C	2'	
20mM dNTPs	0.3 ul		94°C	20"	39 Cycles
2.5% DMSO	0.5 ul		56°C	20"	
50uM VE-Cadherin Primer Fwd	0.3 ul		70°C	30"	
50uM VE-Cadherin Gene Rev	0.2 ul		70°C	5'	
50uM VE-Cadherin Cre Rev	0.6 ul		4°C	∞	
Taq Polymerase (Hotmaster)	0.2 ul		wt VE-cadherin Gene= ~550bp CIVE Cre= ~950bp		
H2O	23.7 ul				
DNA	1.2 ul				
Total Volume	30 ul				

DNA Samples

Sample Description	Tissue	Ext. Date	DNA [ ]	Lane #	Results

Notes: