

DHPLC REQUEST FORM

DHPLC

Submission Time	Day/Date	Started	Returned
RESEARCHER INFORMATION			
Researcher Name		Phone	E-mail
PI Name		Project	
BILLING INFORMATION			
Department			CCC Member ?
Organization	Fund	Account	Budget Year
Project		Program	User Defined

General guide lines, see also: www.osuccc.osu.edu/nucleicacid

For the preliminary set up please submit at least 60 ul of each PCR product (150-700bp) from known wild type and heterozygous samples. The wild type product should not have any polymorphism. The PCR products should be clean without any artifacts. Unknown samples will be analyzed after the successful analysis of known samples.

Proofreading Taq enzymes are required for better results. The following PCR components are known to cause loss of resolution or other types of degradation of the cartridge and should be avoided: Mineral oil, Formamide, autoclaved water, Proteinase K, Bovine serum albumin (BSA) and other stabilizers, enhancers or additives. Other PCR components such as DMSO (max 10%), Glycerol (max 2%), high molecular weight stabilizers such as polyethylene glycol (PEG; <1%), detergents including but not limited TritonX100, Tween 20, NP40, SDS/SLS (<1%) and Betaine (1.25-2.5M) can cause cartridge degradation if used in quantities larger than recommended.

No post-PCR purification is recommended.

Please do not use any dye or fluorescent tag.

Submit the sequence of PCR products by email to: nucleicacid@osumc.edu

Indicate the Gene with chromosomal location:

Indicate the PCR enzyme:

Indicate the size range:

Please submit samples in 0.2 ml strip tubes or in a PCR plate.