

TYPE: Pub

MEDUID:

TITLE:

Rapid Isolation of CA Microsatellites from the Tilapia Genome

AUTHORS:

Carleton, K.L.; Streelman, J.T.; Lee, B.-Y.; Garnhart, N.; Kidd, M.; Kocher, T.D.

YEAR: 2001

STATUS: 2

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TYPE: Source

NAME: Nile tilapia

ORGANISM: Oreochromis niloticus

TISSUE: Muscle

VECTOR: pGEM

V\_TYPE: Plasmid

HOST: JM109

DESCR:

Genomic DNA was restricted and linkers attached. DNA was preselected by microsatellite hybrid capture using biotinylated (CA)<sub>16</sub> probe, amplified, and TA cloned into pGEM

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TYPE: Cont

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TYPE: Protocol

NAME: STS-A (T. Kocher)

PROTOCOL:

Template: 25-50 ng

Primer: each 2 uM

dNTPs: each 200 uM

Taq Polymerase: 0.3 units

Total Vol: 20 ul

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TYPE: Buffer

NAME: Promega

BUFFER:

MgCl<sub>2</sub>: 2.0 mM

KCl: 50 mM

Tris-HCl: 10 mM

Triton-X: 0.1%

pH: 9.0