**Extended metAFLP approach in studies of the tissue culture induced variation (TCIV) in case of triticale**

**Molecular Breeding**

Joanna Machczyńska[1], Renata Orłowska[1], Janusz Zimny[2], Piotr Tomasz Bednarek*[1]

[1]Department of Plant Physiology and Biochemistry

[2]Department of Plant Biotechnology and Cytogenetics

Plant Breeding and Acclimatization Institute - National Research Institute, 05-870 Błonie, Radzików, Poland

*Corresponding author: Piotr Tomasz Bednarek - p.bednarek@ihar.edu.pl

**Online Resource 2** Oligonucleotides exploited for metAFLP in studies on triticale cv. Bogo.

| **MetAFLP oligomer** | **Sequence 5'→ 3'** |
|---|---|
| Adapter1 Acc65I | CTCGTAGCATGCGTACA |
| Adapter2 Acc65I | GTACTGTACGCATGCTAC |
| Adapter1 KpnI | CTCGTAGCATGCGTACAGTAC |
| Adapter2 KpnI | TGTACGCATGCTAC |
| Adapter1 Mse | TACTCAGGACTCATC |
| Adapter2 Mse | GAGTCCTGAGTAGCAG |
| **Preselective primers** | |
| Acc65I/KpnI | GCATGCGTACAGTACC |
| MseI | GATGAGTCCTGAGTAAC |
| **Labeled $^{32}$P selective oligonucleotides** | |

| | |
|---|---|
| CpG GCA | CATGCGTACAGTACCGCA |
| CpG GGC | CATGCGTACAGTACCGGC |
| CpG GAC | CATGCGTACAGTACCGAC |
| CpG ACG | CATGCGTACAGTACCACG |
| CpG TCG | CATGCGTACAGTACCTCG |
| CpXpG ATG | CATGCGTACAGTACCATG |
| CpXpG (A/T)GG | CATGCGTACAGTACC(A/T)GG |
| CpXpG AGG | CATGCGTACAGTACCAGG |
| CpXpG AGA | CATGCGTACAGTACCAGA |
| CpXpG AGC | CATGCGTACAGTACCAGC |
| CpXpG TGC | CATGCGTACAGTACCTGC |
| CpXpG TTG | CATGCGTACAGTACCTTG |
| CpXpX ATT | CATGCGTACAGTACCATT |
| CpXpX TAA | CATGCGTACAGTACCTAA |
| **Selective oligonucleotides** | |
| M CTC | GATGAGTCCTGAGTAACTC |
| M CTG | GATGAGTCCTGAGTAACTG |
| M CTA | GATGAGTCCTGAGTAACTA |
| M CTT | GATGAGTCCTGAGTAACTT |
| M CAC | GATGAGTCCTGAGTAACAC |
| M CAG | GATGAGTCCTGAGTAACAG |
| M CAT | GATGAGTCCTGAGTAACAT |
| M CAA | GATGAGTCCTGAGTAACAA |
| M CGC | GATGAGTCCTGAGTAACGC |
| M CGT | GATGAGTCCTGAGTAACGT |

| | |
|---|---|
| M CCG | GATGAGTCCTGAGTAACCG |
| M CCT | GATGAGTCCTGAGTAACCT |