



PCR > Owi Taq Master Mix Ready to Load

Reliability. Accuracy. Success.

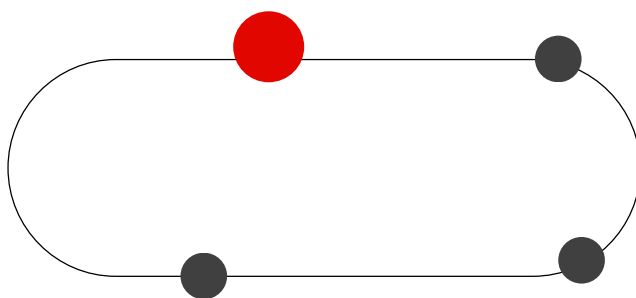
We are with you to improve your research.

PCR

- **Owi Taq Master Mix Ready to Load**
- Owi Taq Hot Start Master Mix Ready to Load
- Owi AptaFi Hot Start Master Mix
- Owi dNTP Mix 40mM (10mM dATP, dCTP, dGTP & dTTP)

RT-qPCR

Master Mix, dNTP mix



ELECTROPHORESIS

*Agarose, Dye DNA Stain,
DNA Ladder*

WESTERN BLOT

ECL, Markers

Owi Taq Master Mix Ready to Load

- **Versatile:** Compatible with all species
- **Robust:** Tolerance to PCR inhibitors
- **Efficient:** Performs on GC- / AT-rich regions
- **Direct-colony PCR:** No DNA extraction required
- **Fast:** Amplification from 5 sec/kb
- **Ready-to-load:** Includes loading dye for direct gel analysis

Efficient on diverse templates:
gDNA, cDNA, and GC/AT-rich regions (<78%)

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Company A - 17/24 amplifications



Company B - 19/24 amplifications



1-2 : human gDNA ; 3-4: rat gDNA; 5-6: mouse gDNA; 7-8: wheat gDNA; 9-10: rice gDNA; 11-12: human cDNA; 13-14: plant cDNA; 15-16: GC-rich DNA (62.7% and 78.1%); 17-18: AT-rich DNA (59% and 77%); 19-20: Arabidopsis gDNA; 21-22: lambda DNA; 23-24: corn gDNA

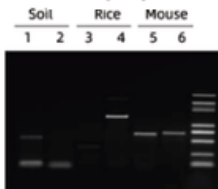
Robust

Effective on crude lysates ■ Inhibitor-tolerant

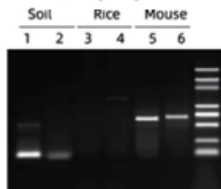
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Company A



Company B

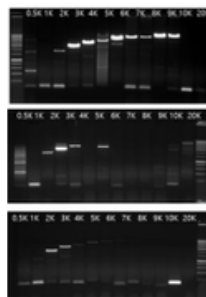


PCR on crude extracts from soil, rice, and mouse tail samples

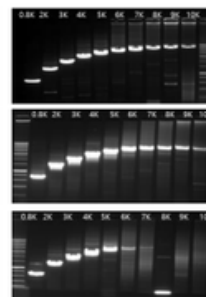
Long-range amplification

≤10 kb from human gDNA
≤20 kb from lambda DNA

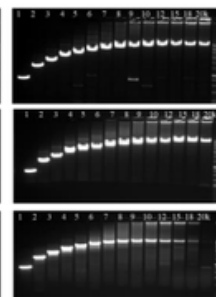
Human gDNA



Plasmid PBC4 DNA



Lambda DNA



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Comp. A

Comp. B

Amplification of gDNA fragments (0.5–20 kb), plasmids (0.8–10 kb), and lambda DNA (1–20 kb)

Reference	Name	Size
OZYA011-40	Owi Taq Master Mix Ready to Load	1 x 1 ml, 40 rxns 50 µl ou 100 rxns 20 µl
OZYA011-200XL	Owi Taq Master Mix Ready to Load	1 x 5 ml, 200 rxns 50 µl ou 500 rxns 20 µl
OZYA011-1000	Owi Taq Master Mix Ready to Load	5 x 5 ml, 1000 rxns 50 µl ou 2500 rxns 20 µl

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