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**SCIENCE
EDUCATION
PARTNERSHIP**

GMO Food PCR

Reaction Mix- primers: CaMV S35, Ara 18S

Flexi Buffer (5X)

MgCl₂ (25mM) - final 2.5 mM

dNTPs (10 mM) – final 0.2 mM

Forward primer (10μM) – final 0.2 μM

Reverse primer (10μM) – final 0.2 μM

NEB Taq (5u/μl) – 1.25 u

Water

DNA (5 μl/PCR rxn.)

50 μl total

PCR program

94°C-3'

94°C-30"

54°C-30" X 35

72°C-1'

72°C-10'

4°C-infinity