Ci-CesA LR1

GACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTGACGCAGATTTCATGCCAAGGTAAA wild type

GACGCTTACGCAGAGCAGGAATGTGT------CTTTGACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGTAAT-------GACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGT------CTTTGACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAA----------CTTTGACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGT------CTTTGACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGTAAT----TCACACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAA---------ATCTTTGACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGT--------TTGACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTGACGCAGATTTCATGCCAAGGTAAA
8/9 = 88.8%

UAS>CesA LR1 mutations

GACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTGACGCAGATTTCATGCCAAGGTAAA

GACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTGACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTGACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTGACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTGACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTGACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTGACGCAGATTTCATGCCAGGGTAAA
GACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTGACGCAGATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTGACGCACATTTCATGCCAAGGTAAA
GACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTGACGCAGATTTCATGCCAAGGTAAA

全く変異が入ってない。。。HMA は一応シフトバンドが出たはずなので、何か間違ったか？

Ci-CesA LR2

CAACCATACATTGCACTTCGTGTTCGACGACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTG wild type

CAACCATACATTGCACTTCGTGTTCGACGACGC------AGAGCAGGAATGTGTAATCATCTTTG
CAACCATACATTGCACTTCGTGTTCGACGACGC------AGAGCAGGAATGTGTAATCATCTTTG
CAACCATACATTGCACTTCGTGTTCGACG---------CAGAGCAGGAATGTGTAATCATCTTTG
CAACCATACATTGCACTTCGTGTTCGACG---------CAGAGCAGGAATGTGTAATCATCTTTG
CAACCATACATTGCACTTCGTGTTC---------TACGCAGAGCAGGAATGTGTAATCATCTTTG
CAACCATACATTGCACTTCGTGT------------ACGCAGAGCAGGAATGTGTAATCATCTTTG
CAACCATACATTGCACTTCGTGTTC---------TACGCAGAGCAGGAATGTGTAATCATCTTTG
CAACCATACATTGCACTTCGTGTTCG------------CAGAGCAGGAATGTGTAATCATCTTTG
CAACCATACATTGCACTTCGTGTTCGACGACGCTTACGCAGAGCAGGAATGTGTAATCATCTTTG

8/9 = 88.8%