



DNA Markers for Straighthead



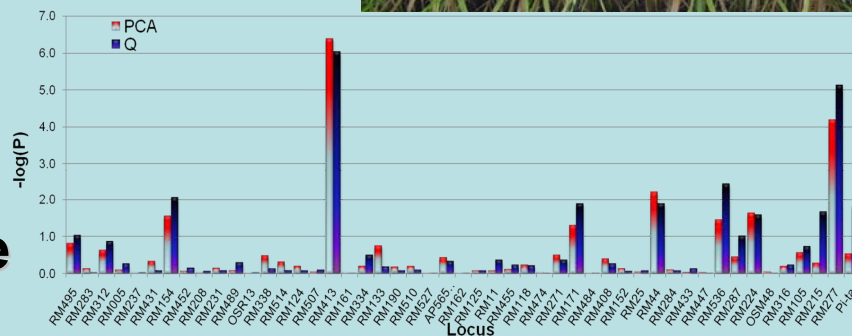
Cocodrie,
susceptible

Chinese
Jing185,
resistant



Marker RM413 and 277
on chromosome 5 and
12 associated with
straighthead resistance

2008



- Fine mapping resistant gene(s) with 560 recombined inbred lines (RIL) between resistant and susceptible parents.
- Use the resistant markers in F2 segregating populations for testing before using in breeding program
- Breed resistant cultivars with DNA markers