

## Vaccine Strategies in the Pipeline

### Vaccine Component



DNA  
DNA + MVA  
DNA + AIDSVAX



Adenovirus  
vectors



Lipopeptides



Proteins

### Delivery Mechanism



Electroporation



Oral



Intradermal

Variations on the only strategy to show efficacy to date.

Vectors carry synthetic fragments of HIV. "Ad" vectors help prompt strong T-cell responses.

A molecular hybrid (amino acid plus lipid) that is used to generate T-cell responses.

Viruses make proteins that the immune system responds to. These can be used in vaccines.

A delivery method using an electrical field to increase the permeability of cells to the vaccine.

A delivery strategy that could prompt strong mucosal responses.

Delivery into the skin rather than the muscle; uses a much smaller needle.