Make your own DNA
(Origami's answer to oligonucleotide synthesis)

For those who don't know the difference between a valley and a mountain fold, see below.

(a) Fold in corners of 1/16th parts top and bottom
(b) Fold in along the middle and then unfold again
(c) Valley fold left and right edges
(d) Bring right edge to arrows and unfold
(e) Bring left edge to arrows and unfold
(f) Valley fold along existing fold
(g) Bring right raw edge to left inside raw edge. Unfold fully
(h) Valley fold along existing fold
(i) Bring left raw edge to right inside raw edge. Unfold fully and turn over
(j) Valley fold the edge and then mountain fold in half
(k) Mountain fold along the existing fold
(l) Open out flat
(m) By folding and unfolding on the existing 1/16th lines make them all into vallleys
(n) One by one fold and unfold sharp mountains as diagonals in the rectangle between the valley folds
(o) Shape into 3-D
(p) Bend in the eight corners top and bottom

Twist the model gently while checking valleys and mountains

Halfway Continue twisting

Thoki Yen
Ideas Unlimited,
Tranhavegården no.1, St.101,
2450 Copenhagen,
SV Denmark.
© Thoki Yen Design 1985; Drawings 1994

94