

Step 1: Get 3 envelopes and label them as “Person 1”, “Person 2” and “Person 3”

Step 2: Cut out each of the individual alleles on this page

Step 3: Place the correct 2 alleles for each person into each envelope (you may need to fold them to do this):

- Person 1: TT
- Person 2: Tt
- Person 3: tt

T 5' +237bp TAACCTTGGC TGTACCCCCT GGGGAAGAGC AGAGATATAC GTGCCAGGTG GAGCACCCAG +93bp 3'
3' ATTGGAACCG ACATGGGGGA CCCCTTCTCG TCTCTATATG CACGGTCCAC CTCGTGGGTC 5'

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Making a restriction enzyme:

Step 1: Cut out the image on this page

Step 2: use a rubber band to attach this image to the handle of a pair of scissors

Note: you will need to pierce a hole in the top left corner of the image to thread the rubber band through

