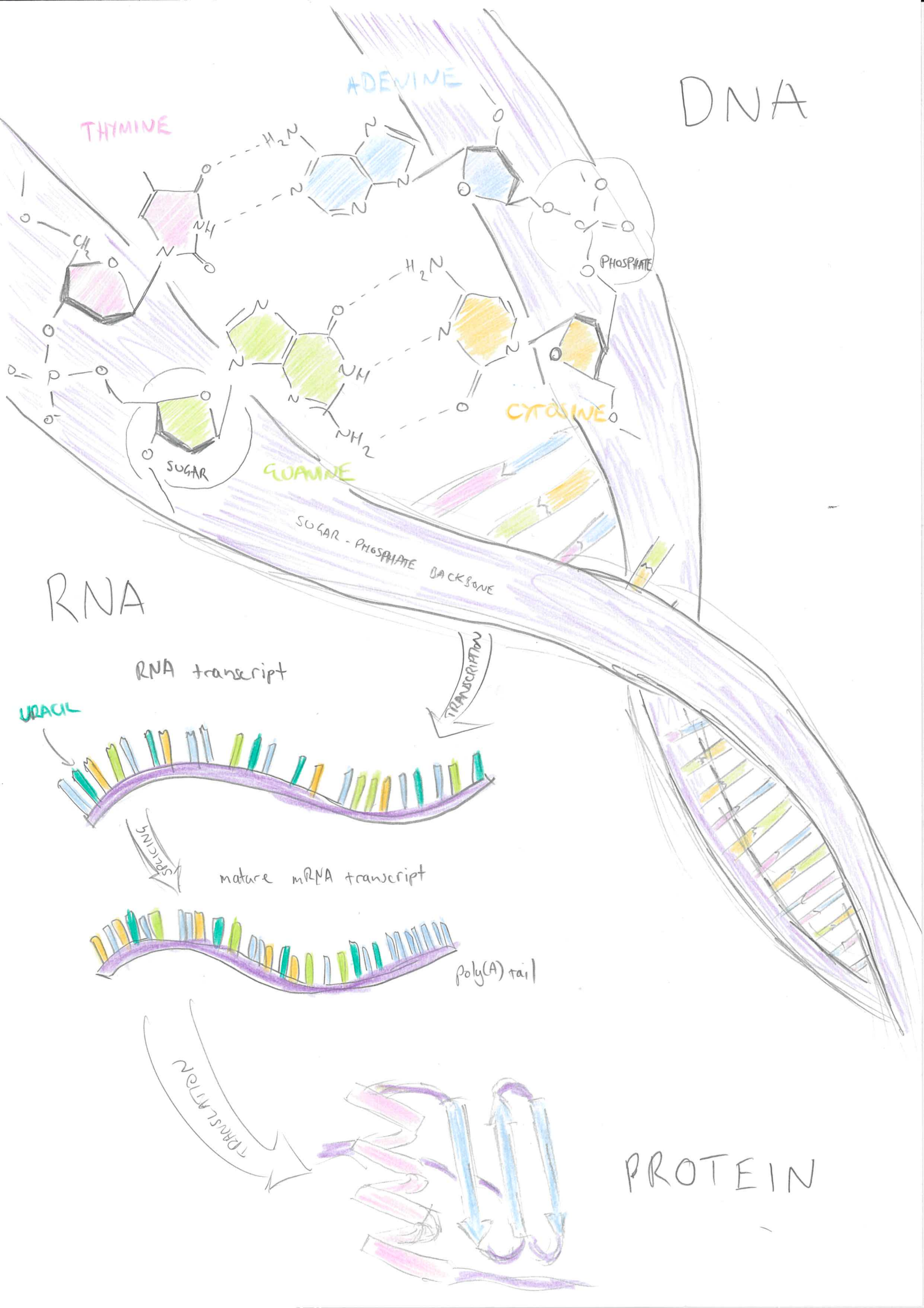


DNA



THYMINE

ADENINE

PHOSPHATE

CYTOSINE

GUANINE

SUGAR

SUGAR - PHOSPHATE BACKBONE

RNA

RNA transcript

URACIL

TRANSCRIPTION

SPLICING

mature mRNA transcript

poly(A) tail

TRANSLATION

PROTEIN