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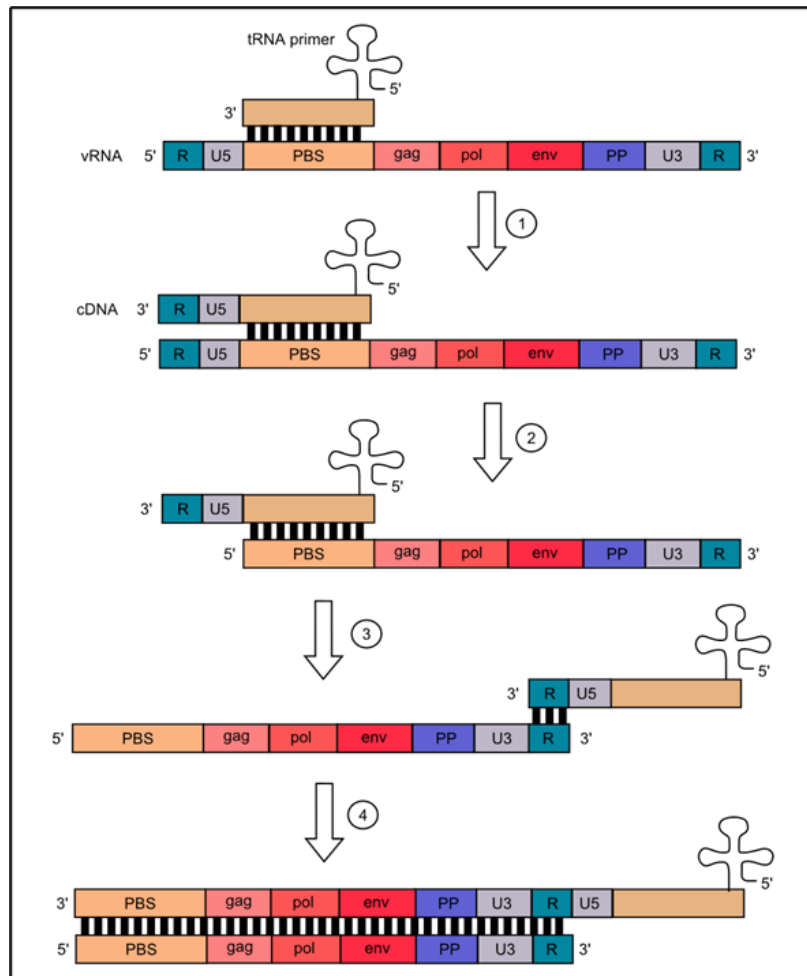
Reverse Transcriptase (RT) : RNA to DNA YouTube Lecture Handouts

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Title: Reverse Transcriptase

RNA to cDNA

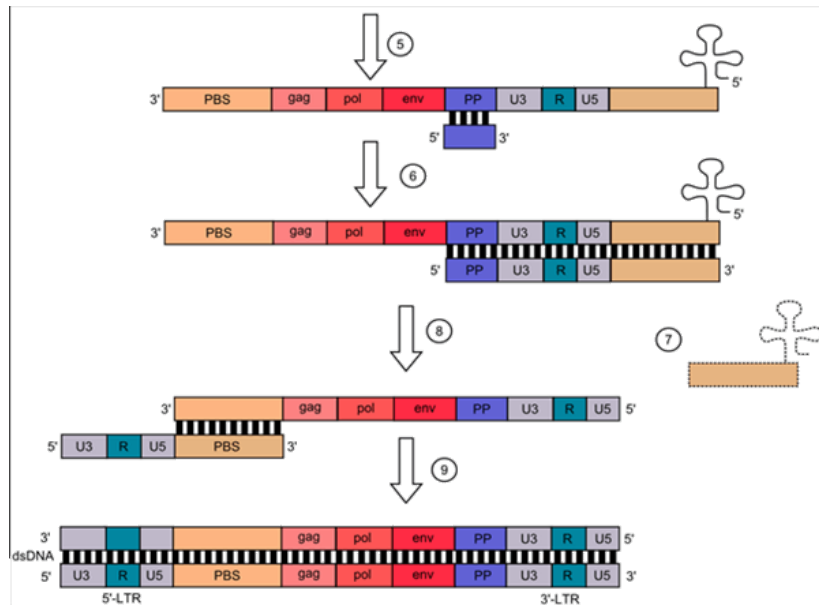
- Requires reverse transcriptase enzyme, primer and dNTPs
- Also called 1st strand cDNA synthesis



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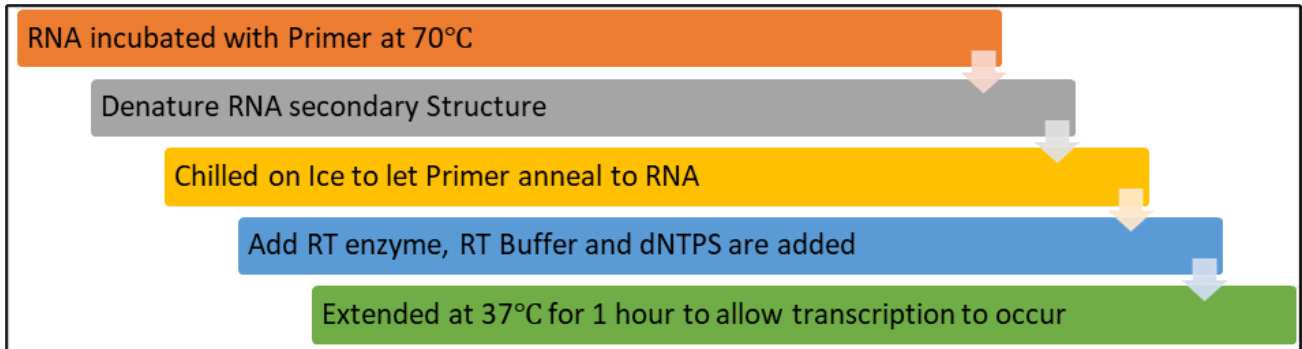
- Oligo

- Random
- Gene specific primer – cDNA yield is lower since only targeting 1 transcript



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Reverse Transcriptase Steps



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- Enzyme choice is one choice
- MMLV enzyme is one
- Superscript III upto 50 degree Celsius – more yield

✉ Mayank

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