RNAS 25/01/2014 Thymine - 'CH3 + Unacil why does RNA have Unacity & DNA does not! cytosine - Unacil Lican undergo spontaneous deamination to wracit. --> changes in structure. Hence, genetic code changes. => Répair system cannot différentiate between altered cand preexesting U Double helical RNA! lopp-y structures Wobble base pairs Gil base pair . - weak bonding, because of [str. am]] Lican be found only when most of the bps are joined -> not found in pure G-U strand,

(

Loops - Internal loop

Hairpin loop

protection against Degnadation by exonucleases promotion of translation.

Alternate AMA and Branches

& Modifications

- 5' end (before transition) -> capping with (because it emerges first) -> truetry quanosine (rudeus) 4 cotranscriptionally
- 3'end -> tailing with polyadenylate residues
- Splicing -> sumoval of interiors & joining of enousy (nucleus)
- Therwise RNA ase shortens it, and it also helps shuffling proteins to pind to RNA cap tail before binds sibosome. I helps in translation.

Riboswitch

bind small molecule ligand -> and regulate expression of downstream gene.

-> cis -> point of the same molecule (mRNA)

helps in translational shutdown (quickfix, immediate effect on existing mRNA)

microRNA acts on RNA 2 prevents translations Inc RNA regulates give express ion as well as translation, can also mediate mrnA stabilist. MRNA stability.

RNA ase-P -> RNA @ acting as substructeouse. mervery futtern't (derid expresson of sources of)

pullering the amortion of (medium) en bieser Dephrehe pelle prillet + bas is feers to principi i enormi de laterrase - priblige ocho il and il andredo aco AMA ecimenti) helps shuffling proteins to bind to Kikispina roitolarent il equalita energia elividi que à ubilitae dia istalipere book - biggind -) and singulate. and maintenand of milestran Avism) elisation some mobile (men). ikanni Atiloliyo) cranokthela la mil