A. full-length p53 mRNA

5' VI VII VIII IX X 3' DNA

 splice cassette

Δp53 isoform mRNA

B.

 AA Pos  Domain
1-44  Transcription activation domain
102-292 DNA-binding domain (sequence specific)
241-248 interacts with the 53bp2 SH3 domain
292-325 Unstructured spacer region
305-321 bipartite nuclear localization signal
325-356 Tetramerization domain
339-350 nuclear export signal
368-387 C-terminal DNA-binding regulatory domain

257-322 Δp53 splicing location and removal