A

- **LINE**
  - Transcription → **LINE RNA**
  - Translation → **LINE protein**
  - RNP formation → **LINE RNP**
  - **Target site**
  - **1st strand nick**

---

- **(Original)**
- **(Newly integrated copy)**
  - **Ligation of the nicks?**
  - **2nd strand synthesis?**
  - **2nd strand cleavage?**

---

- **TPRT (1st strand synthesis)**

---

B

- **Downstream cleavage**
- **Same site cleavage**
- **Upstream cleavage**

- **TSD**
- **BEJ**
- **TST**