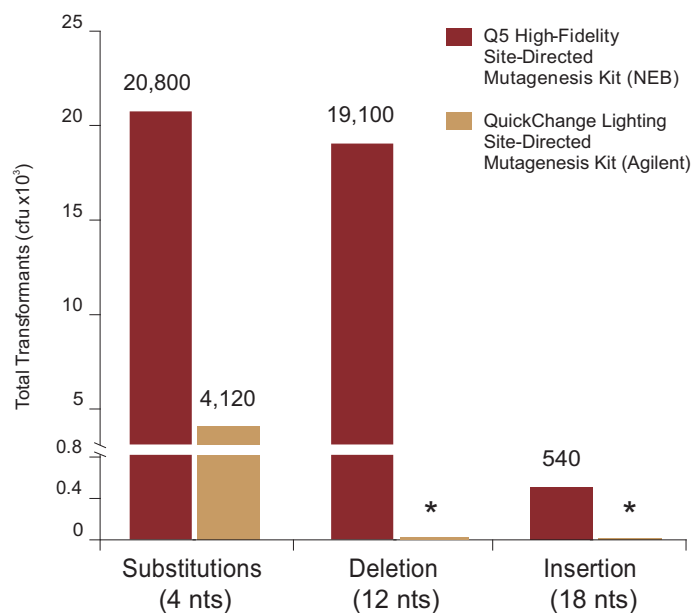
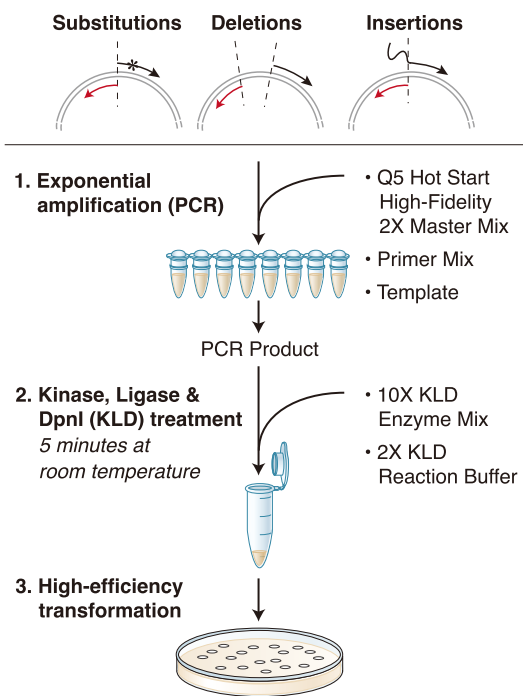
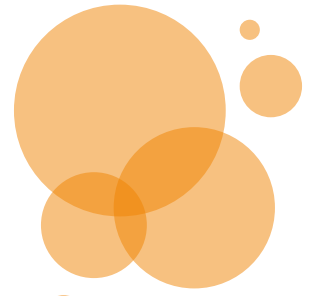


Q5[®] Site-Directed Mutagenesis Kit

- 方便且快速的在質體DNA製造 **Deletion**, **Insertion** 及 **Point-mutation**
- 使用 **最高正確率** 的 Q5 Hot Start 2X Master Mix 進行 PCR 擴增
- 以 **Back-to-back primer** 取代 Overlapping primer, 不形成 double-nick plasmid
- **PCR 後不需純化** 直接於 KLD enzyme mix (Kinase-Ligase-DpnI) 進行反應
- 室溫 5 分鐘同時完成 Phosphorylation, Ligation 及 DpnI template removal
- 可利用 **NEBaseChanger** 線上軟體協助您快速完成實驗設計
- 提供 NEB 5-alpha Competent E. coli 可高效率轉形 **長達 20Kb** 之質體



NEB's Q5 SDM Kit delivers higher transformation efficiency than Agilent's QuikChange[®] SDM Kit

*Note that the Quickchange kit does not accommodate and insertions of this size

Catalog #	Products	Kit Components
E0554S	Q5 [®] Site-Directed Mutagenesis Kit (10)	Q5 [®] Hot Start HF 2X Master Mix, KLD Enzyme Mix, buffer, Control SDM Primer Mix, Control plasmid, NEB 5-alpha Competent cell, SOC outgrowth medium, Transformation Control Plasmid
E0552S	Q5 [®] Site-Directed Mutagenesis Kit (10) (without competent cell)	Q5 [®] Hot Start HF 2X Master Mix, KLD Enzyme Mix, buffer, Control SDM Primer Mix, Control plasmid
M0554S	KLD Enzyme Mix (25)	