Recognition

- KU70/KU80 DNA-PKcs
- MRN

End Processing

- MRN
- KU70/KU80 DNA-PKcs
- MRN
- ARTEMIS

Strand invasion, DNA synthesis & resolution

- XLF/XRCC4
- LigIV

Ligation

NHEJ HR

Recognition

- ATM
- MRN
- MRN

End Processing

- RPA
- RAD51

Strand invasion, DNA synthesis & resolution

- Synapsis factors
- Resolution/Dissolution factors

Ligation